

2019 ANNUAL OPERATING REPORT

Site:

GEIGY CHEMICAL CORPORATION CERCLA SITE
ABERDEEN, MOORE COUNTY, NORTH CAROLINA
COMMITTEE CORRESPONDENCE

Submitted To:

MR. JON BORNHOLM
USEPA REGION IV
61 FORSYTH STREET, SW
MAIL CODE: 9T25
ATLANTA, GA 30303-8960

Prepared By:

ENVIROTRAC LTD.
7343 WEST FRIENDLY AVENUE, SUITE J
GREENSBORO, NC 27410
(336) 763-6025

APRIL 2020

*A Full Service Environmental Consulting
and Contracting Firm*





April 2, 2020

Mr. Jon Bornholm
Remedial Project Manager
USEPA Region IV
61 Forsyth Street, SW
Mail Code: 9T25
Atlanta, Georgia 30303-8960

**RE: 2019 Annual Operating Report
Groundwater Remediation Permit No. WQ0009949
Geigy Chemical Corporation CERCLA Site
Aberdeen, North Carolina**

Dear Mr. Bornholm:

On behalf of Olin Corporation and Syngenta Crop Protection (the Companies), the purpose of this letter is to transmit the analytical results for the 2019 annual sampling event for the Geigy Chemical Corporation CERCLA Site groundwater extraction, treatment, and discharge system. Information provided in this report includes:

ATTACHMENTS

- A Monitoring requirements Summary Table
- B Site Extraction and Treatment System Layout
- C October 2019 Monitoring Event Summary Table
- D BHC Isomer Trend Graphs
- E Laboratory Reports and Chain-of-Custody
- F 2019 Monthly Windshield Survey

The system performed as designed during 2019 and experienced minimal down-time. Over 5.2 million gallons of water was extracted and treated between December 18, 2018 and December 23, 2019, at an effective treatment efficiency of nearly 100 percent. The system is routinely shutdown for brief periods to conduct operation and maintenance activities such as replacing carbon drums, fittings, and bag filters. Well pumps, flow meters, and electrical relays were replaced without shutting down the system. Two 55-gallon drums of granular activated carbon were changed in July, and one 55-gallon drum in August. Pumping of the Upper Black Creek Aquifer extraction wells (PW-1D, PW-2D, and PW-3D) continues to fulfill the closed-loop requirement of the Site Groundwater Remediation Permit.

BHC isomer concentration trend graphs are provided in Attachment B. The graphs include data from the initial sampling event through the October 2019 sampling event to facilitate review of the groundwater quality monitoring data. Alpha-BHC, beta-BHC, delta-BHC, and gamma-BHC

concentrations are provided on the graphs as these constituents typically represent the highest concentrations and detection frequencies among the pesticides included in the sample analyses. In reviewing the graphs, please note that monitoring wells MW-16S, MW-17S, and MW-18S are screened in the surficial aquifer to monitor the infiltration gallery. Monitoring wells MW-16D and MW-17D are screened in the Upper Black Creek aquifer and are located hydraulically upgradient of the site. The graphs generally indicate steady or decreasing trends in BHC isomer concentrations from historical levels.

Monthly windshield surveys of properties within the BHC plume have been summarized on the Table included in Attachment C. New construction was observed on S. Pine Street and Pee Dee Road.

Should you have questions regarding the report, please contact Chris Hay at (336) 763-6025.

Sincerely,
ENVIROTRAC LTD.



Annamarie Blauser, P.G.
Senior Scientist



Christopher W. Hay, E.I.
Principal

Enclosure

Cc: Doug Rumford, NCDEQ Superfund Section, w/enc.
NCDEQ DWR, w/enc.
Dane Grimshaw, Olin Corporation, w/enc.
George Crouse, Syngenta, w/enc.

ATTACHMENT A

MONITORING REQUIREMENTS

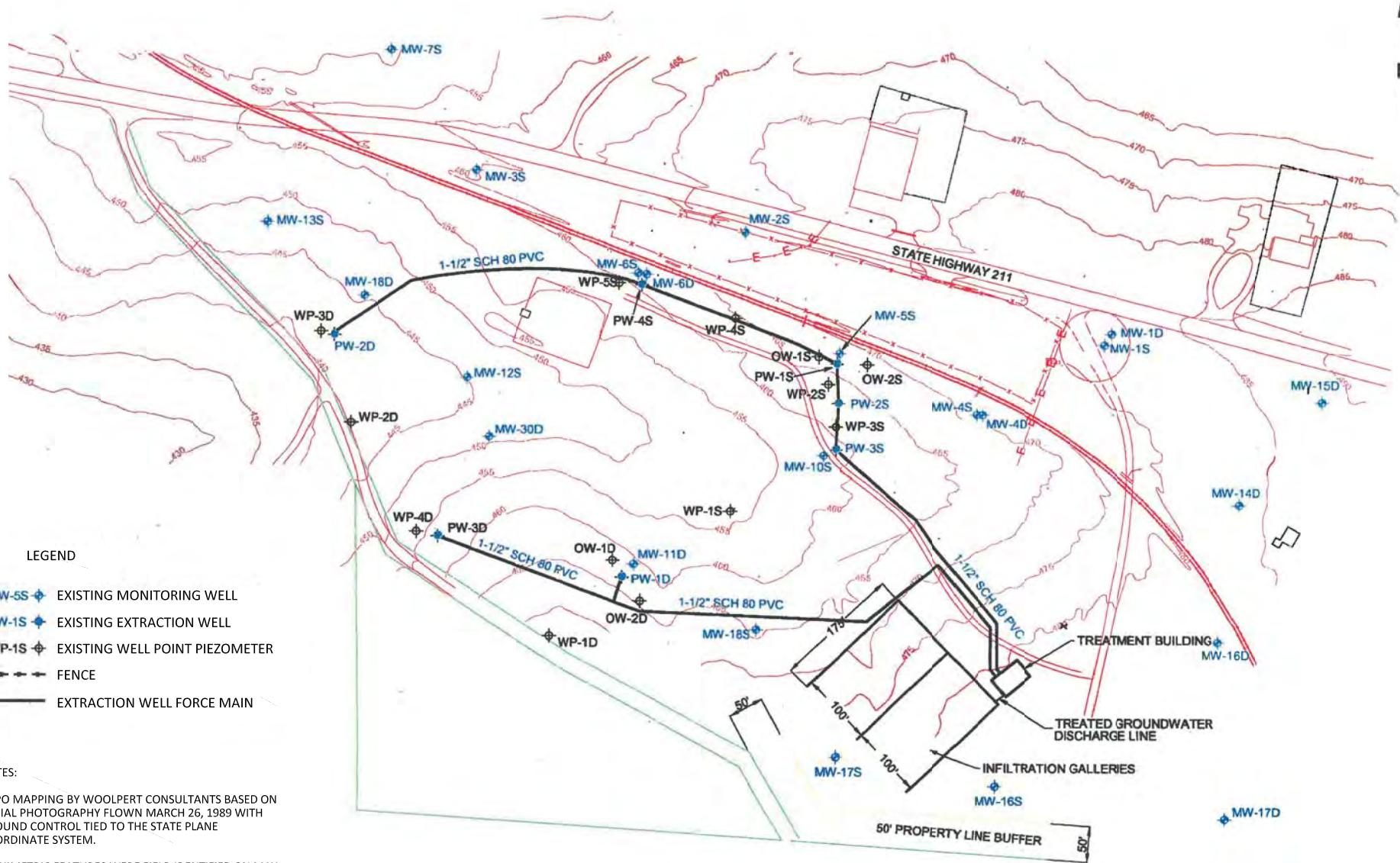
SUMMARY TABLE

TABLE 1: GROUNDWATER EXTRACTION AND TREATMENT SYSTEM MONITORING SCHEDULE

SAMPLE LOCATION	PARAMETERS		FREQUENCY	
	TCL PESTICIDES	TCE	QUARTERLY	ANNUALLY
MW-4S	✓			✓
MW-5S	✓			✓
MW-6S	✓			✓
MW-10S	✓	✓		✓
MW-16S	✓	✓		✓
MW-17S	✓	✓		✓
MW-18S	✓	✓		✓
MW-11D	✓	✓		✓
MW-16D		✓		✓
MW-17D		✓		✓
MW-18D	✓	✓		✓
MW-20D	✓			✓
MW-22D	✓			✓
MW-23D	✓			✓
MW-26D	✓			✓
MW-30D	✓	✓		✓
MW-22L	✓			✓
MW-25L	✓			✓
MW-27L	✓			✓
MW-31L	✓			✓
MW-32L	✓			✓
MW-36L	✓			✓
MW-37L	✓			✓
MW-38L	✓			✓
MW-39L	✓			✓
MW-40L	✓			✓
PZ-2	✓			✓
PZ-3	✓			✓
PZ-5	✓			✓
Influent	✓	✓	✓	
Effluent	✓	✓	✓	
Carbon Train A	✓	✓	✓	
Carbon Train B	✓	✓	✓	

ATTACHMENT B

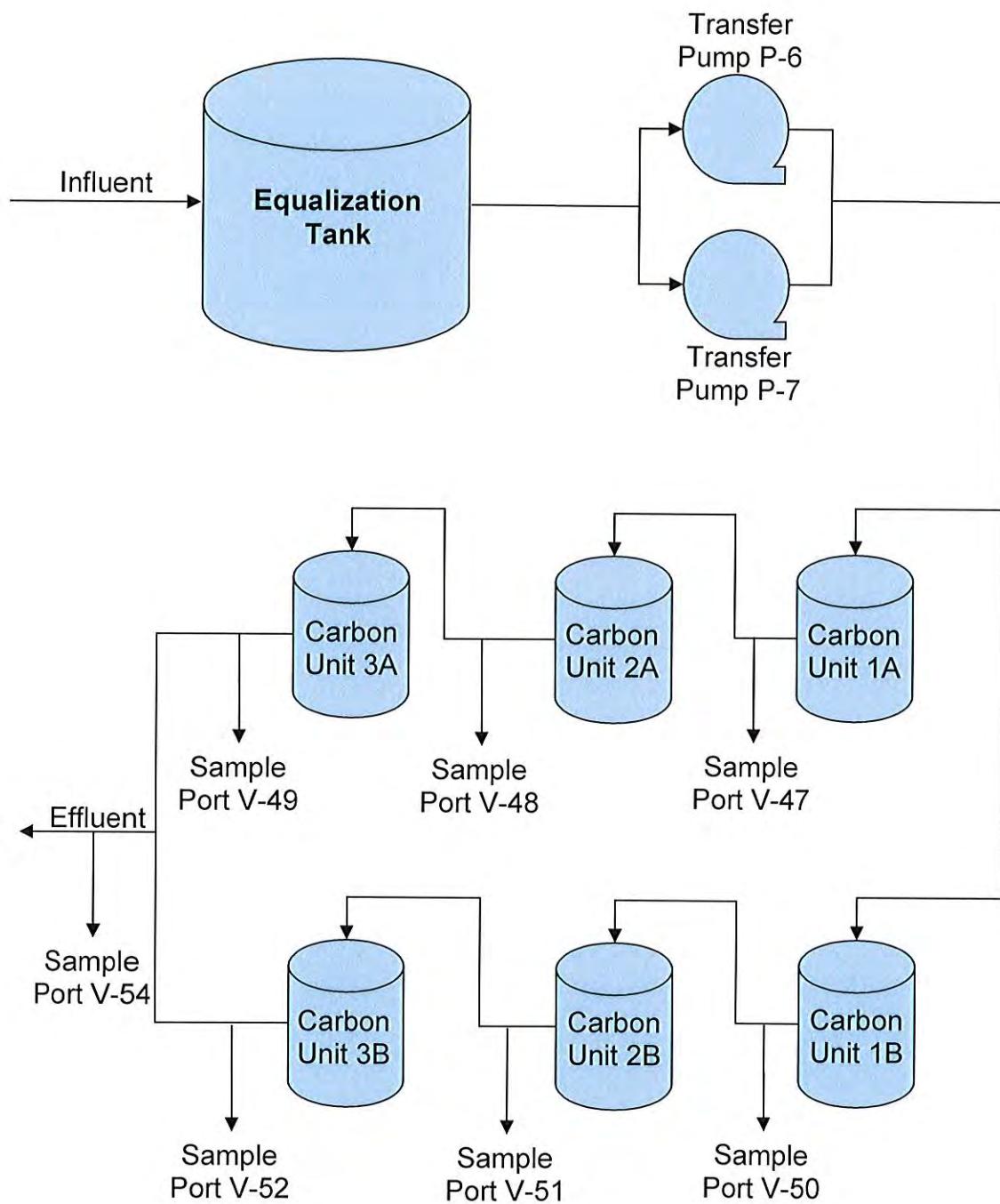
**SITE EXTRACTION AND TREATMENT
SYSTEM LAYOUT**

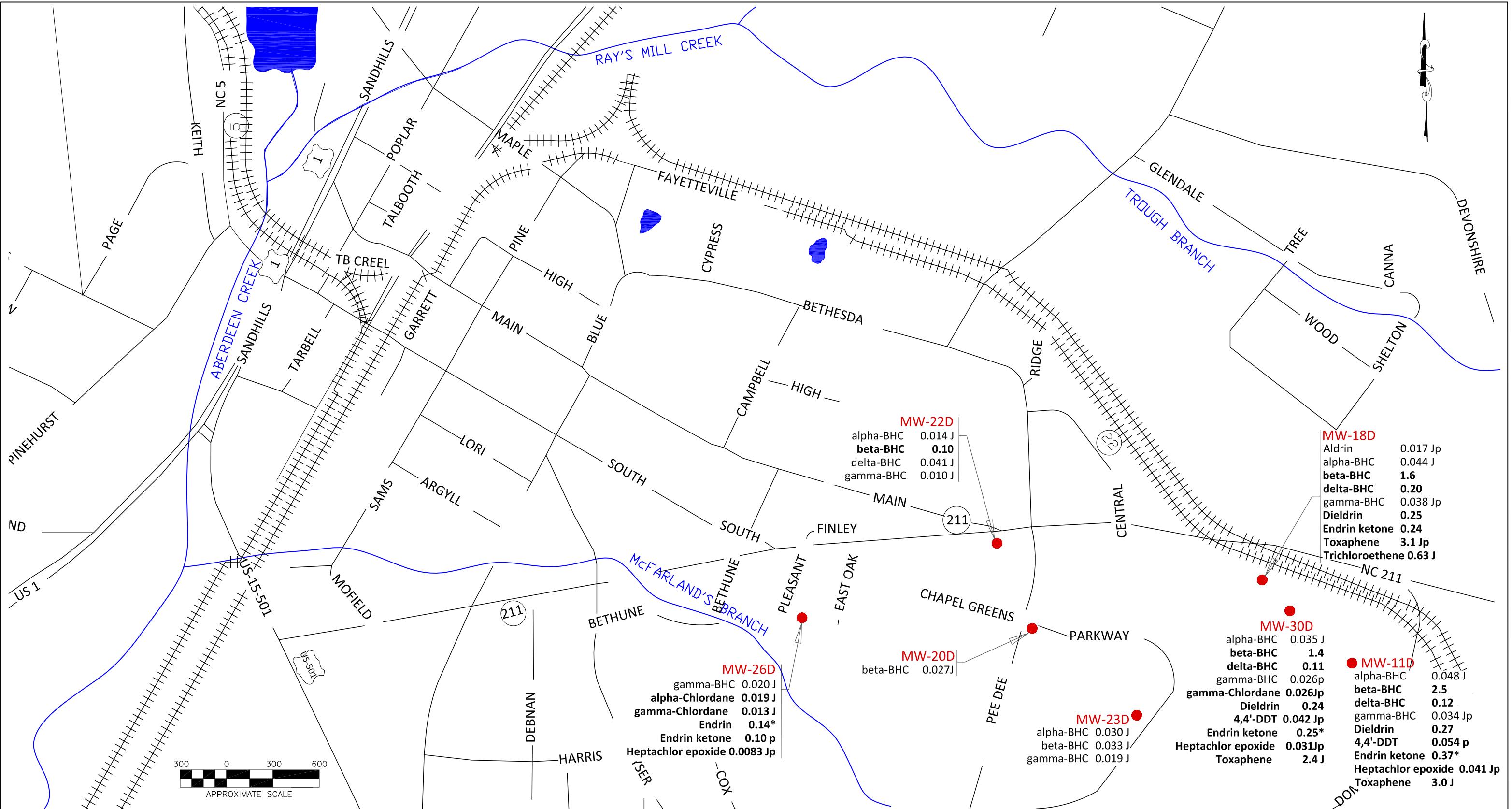


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Figure 2
Treatment System Process Layout
Geigy Chemical Corporation Site



**NOTES:**

MONITORING WELLS SAMPLED IN OCTOBER 2019.
LABORATORY RESULTS INCLUDE ONLY CONTAMINANTS
REPORTED ABOVE THE METHOD DETECTION LIMITS.
BACKGROUND MAP FROM MOORE COUNTY GIS.



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FIGURE 3
UPPER BLACK CREEK AQUIFER MONITORING RESULTS

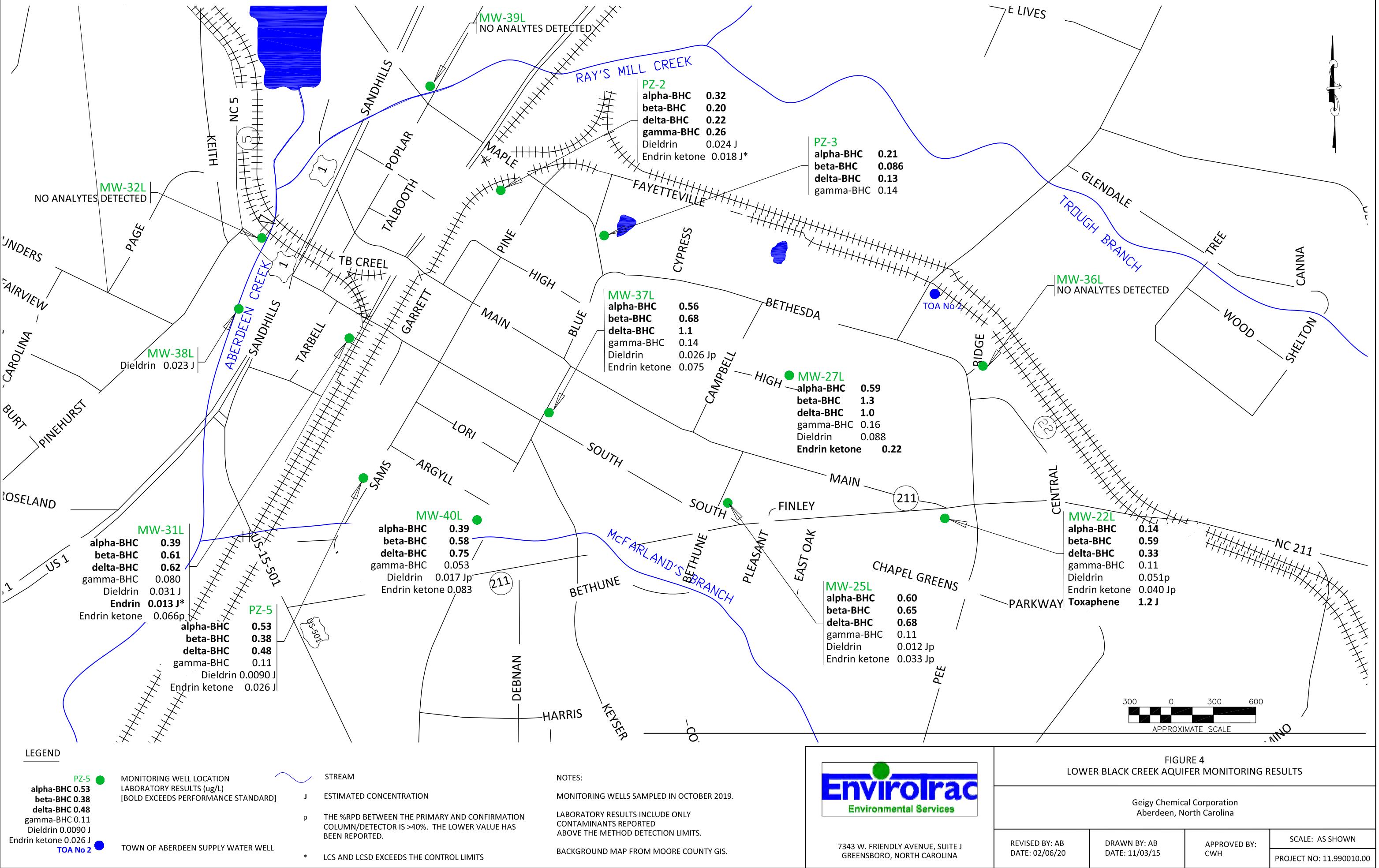
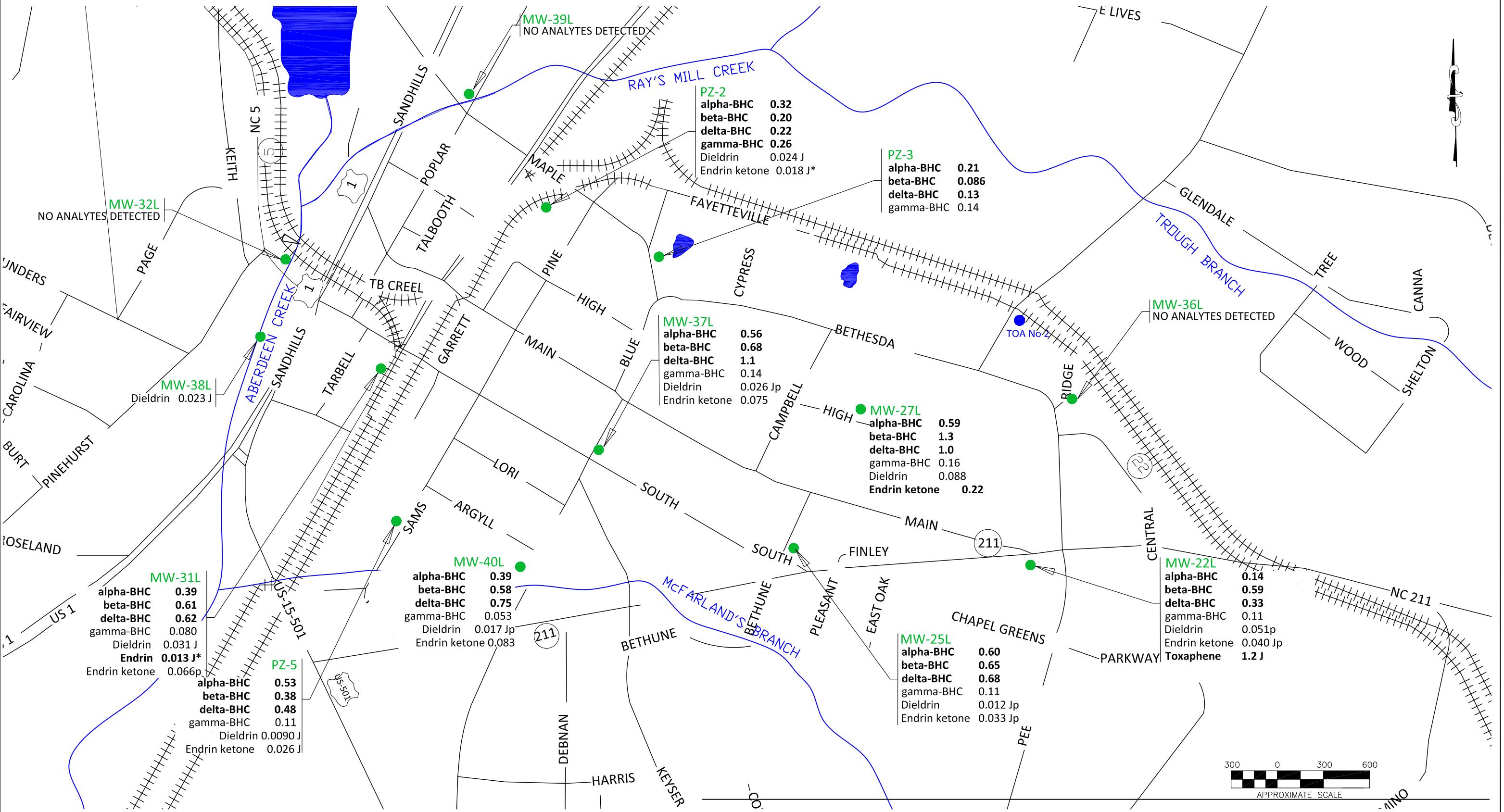
Geigy Chemical Corporation
Aberdeen, North Carolina

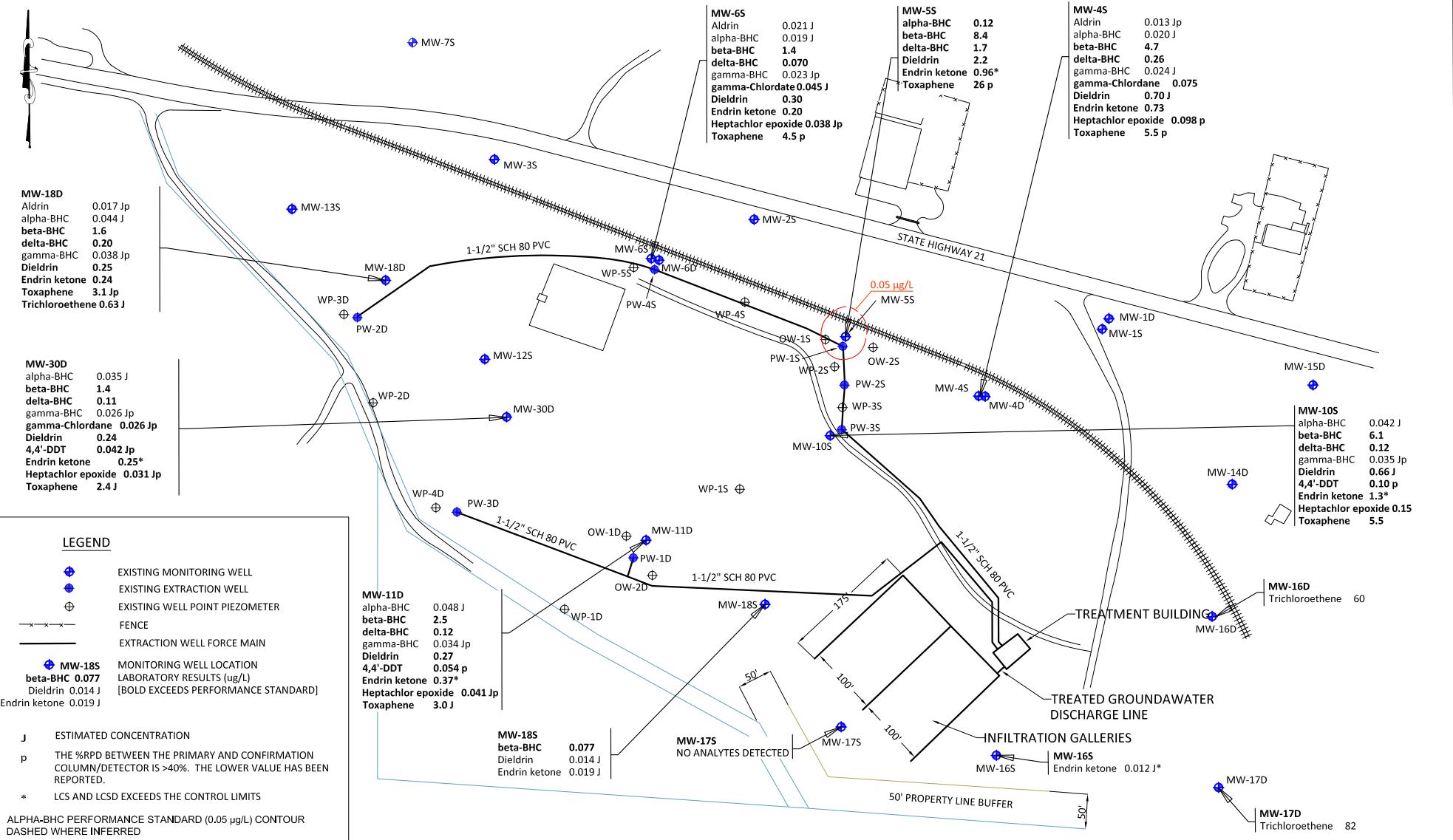
REVISED BY: AB
DATE: 02/06/20

DRAWN BY: AB
DATE: 11/03/15

APPROVED BY:
CWH

SCALE: AS SHOWN
PROJECT NO: 11.990010.00





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100 0 100 200
APPROXIMATE SCALE

FIGURE 5
ALPHA-BHC ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

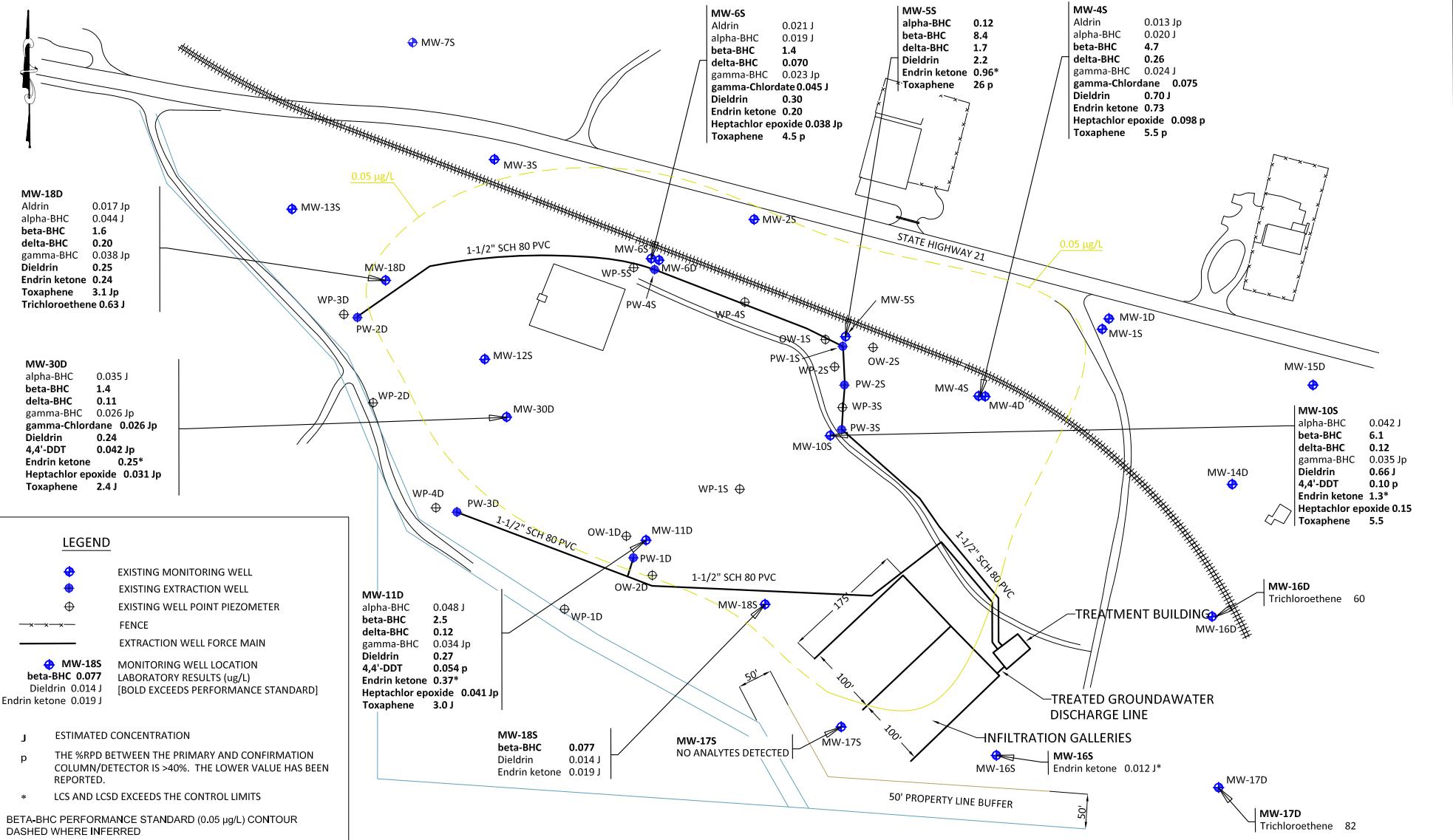
DATE: 02/10/2020

APPROVED BY:
CWH

SCALE: AS SHOWN

DRAWN BY: AB

PROJECT NO: 11.990010.00



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FIGURE 6
BETA-BHC ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

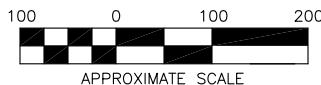
DATE: 02/10/2020

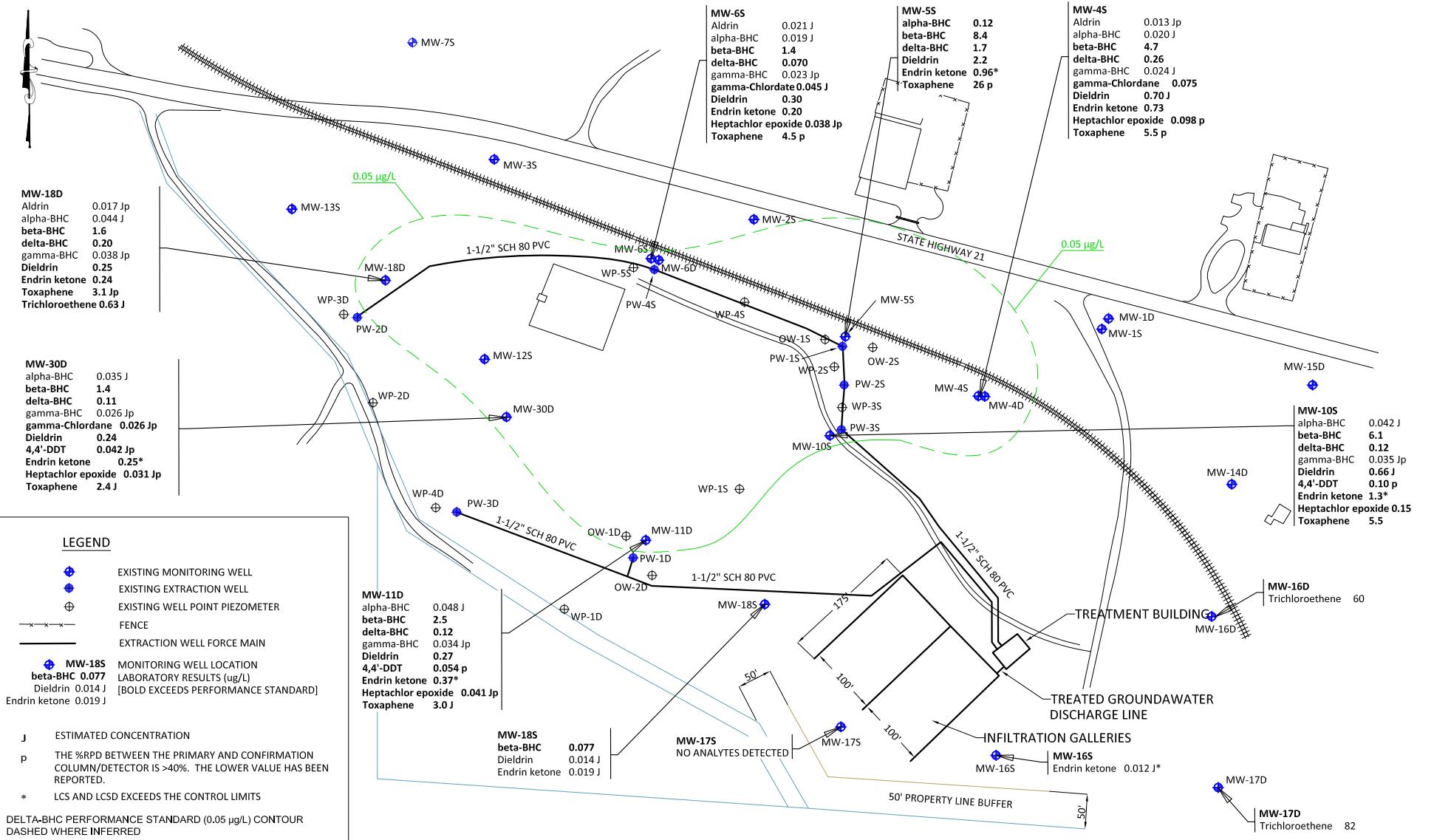
APPROVED BY:
CWH

SCALE: AS SHOWN

DRAWN BY: AB

PROJECT NO: 11.990010.00





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FIGURE 7
DELTA-BHC ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

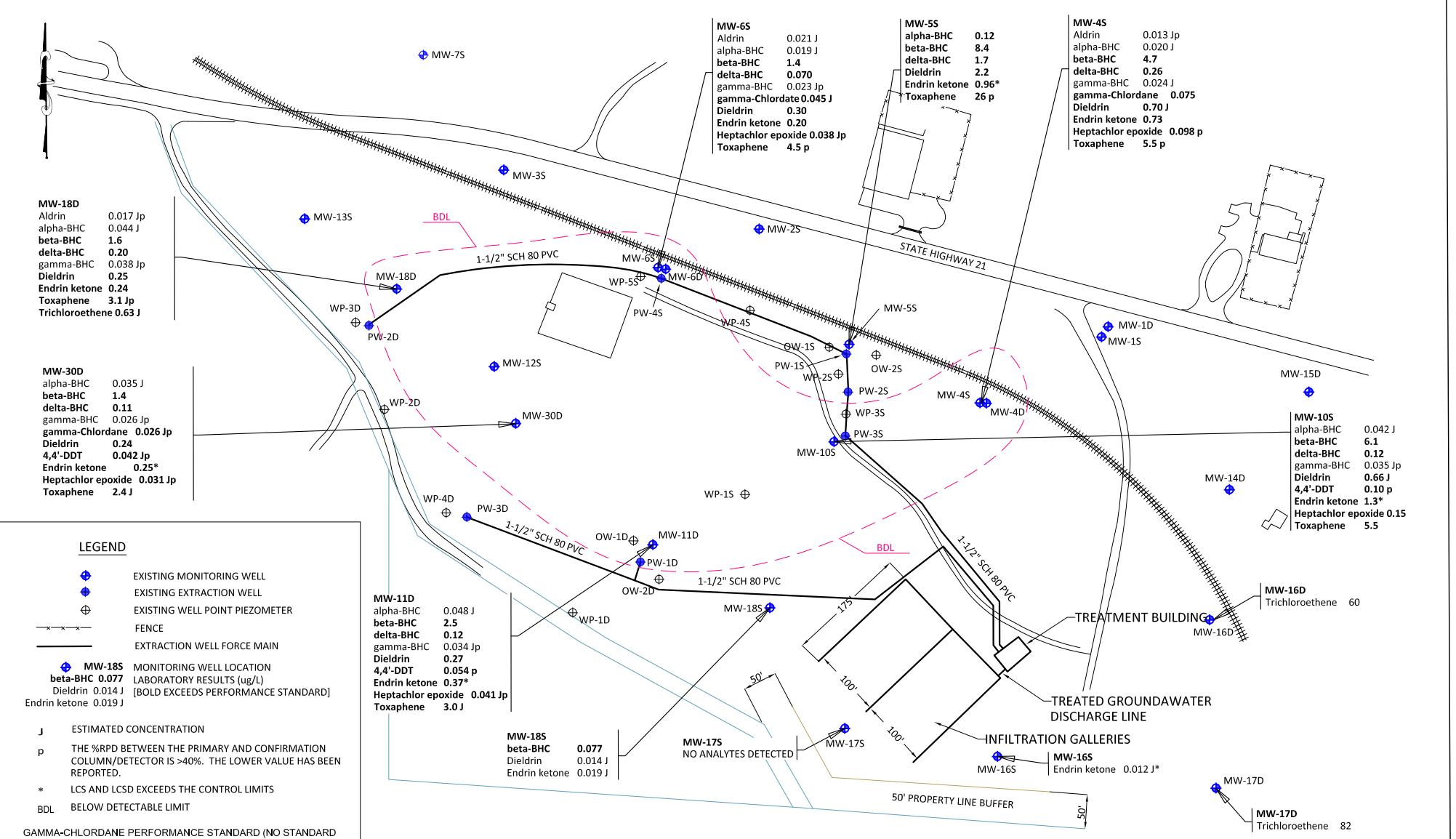
DATE: 02/10/2020

APPROVED BY:
CWH

SCALE: AS SHOWN

DRAWN BY: AB

PROJECT NO: 11.990010.00



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FIGURE 8
GAMMA-CHLORDANE ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

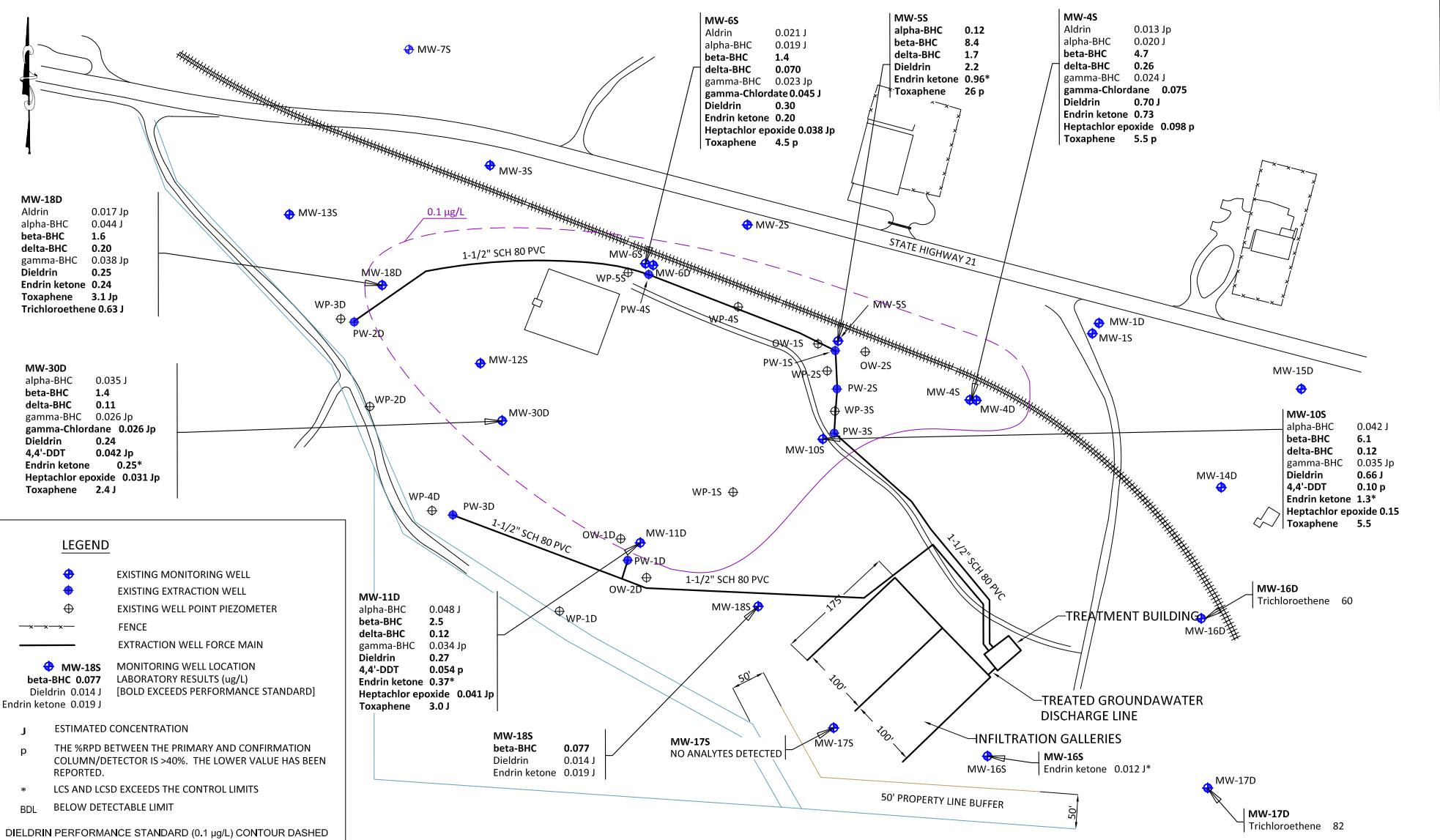
DATE: 02/10/2020

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FIGURE 9
DIELDRIN ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

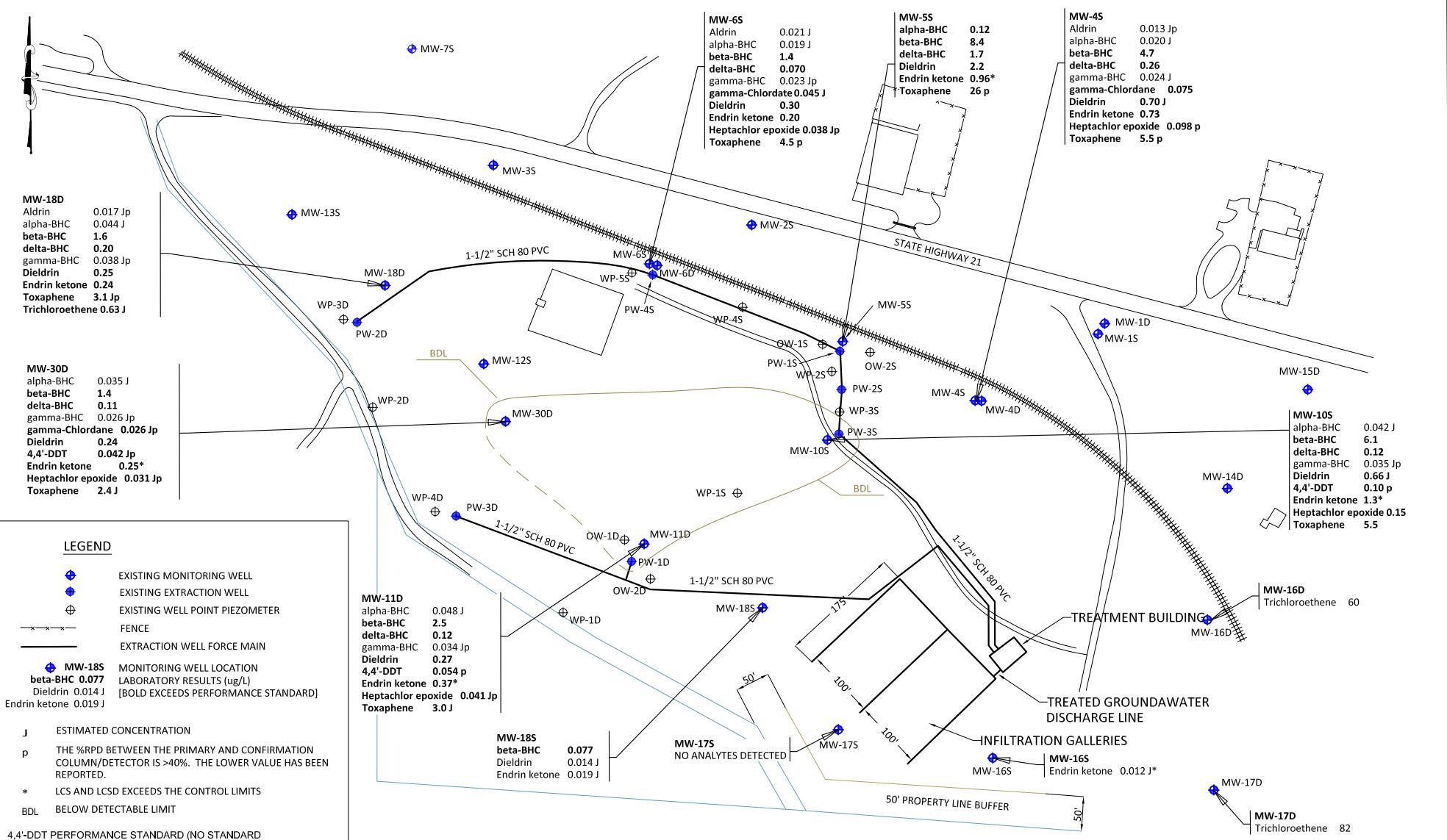
DATE: 02/10/2020

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FIGURE 10
4,4'-DDT ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

DATE: 02/10/2020

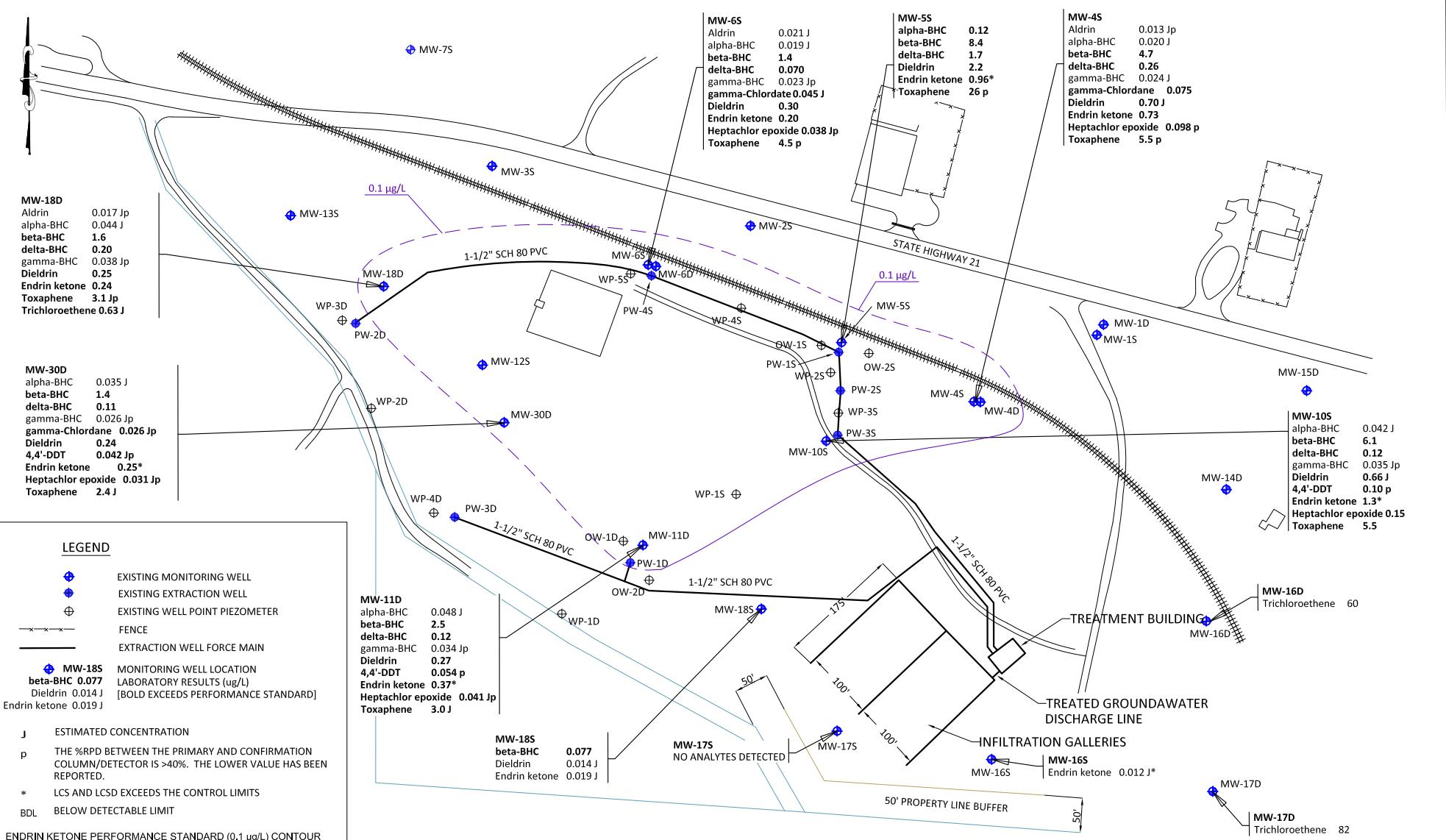
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FIGURE 11
ENDRIN KETONE ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

DATE: 02/10/2020

APPROVED BY:

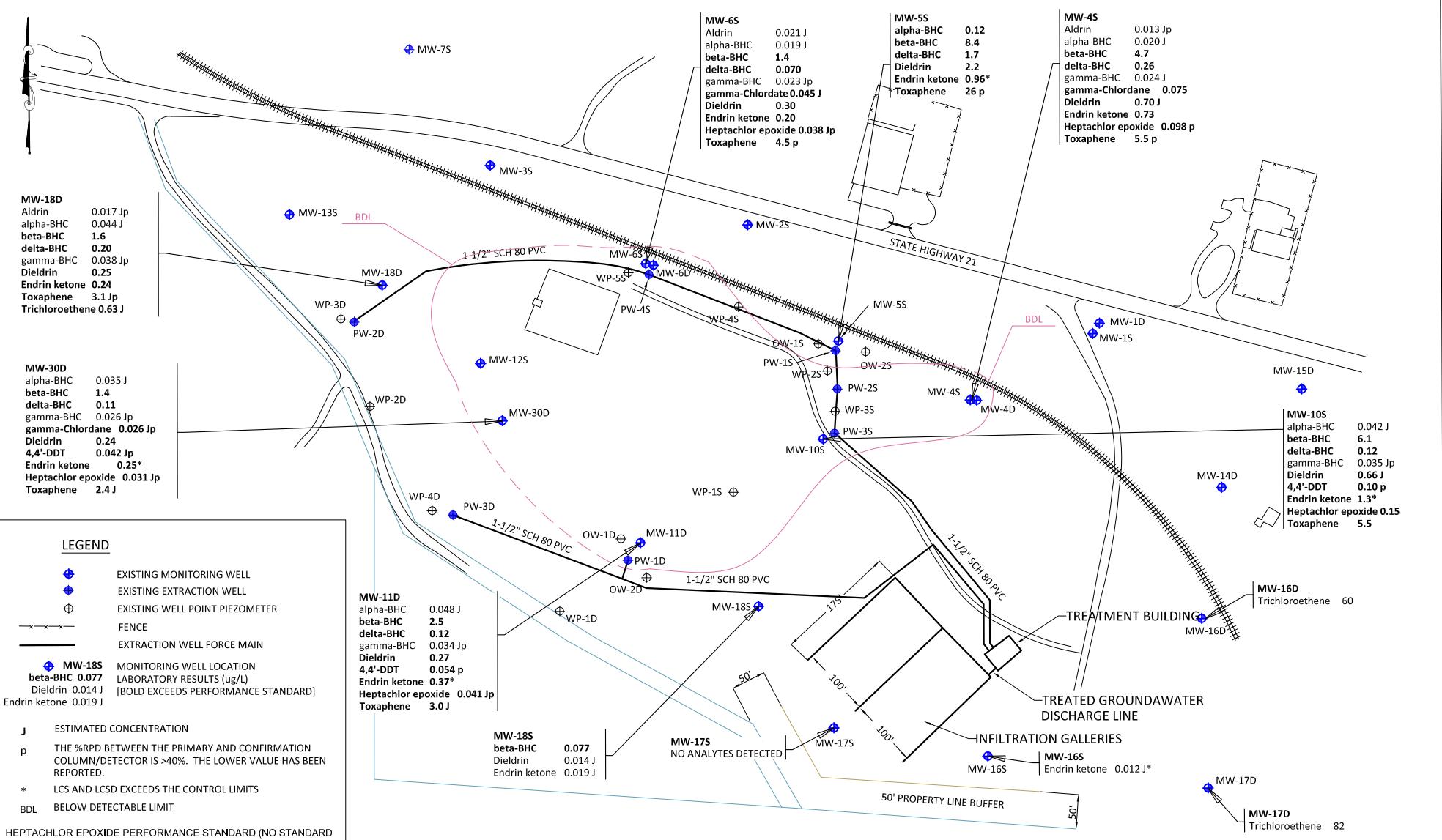
CWH

SCALE: AS SHOWN

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FIGURE 12
HEPTACHLOR EPOXIDE ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

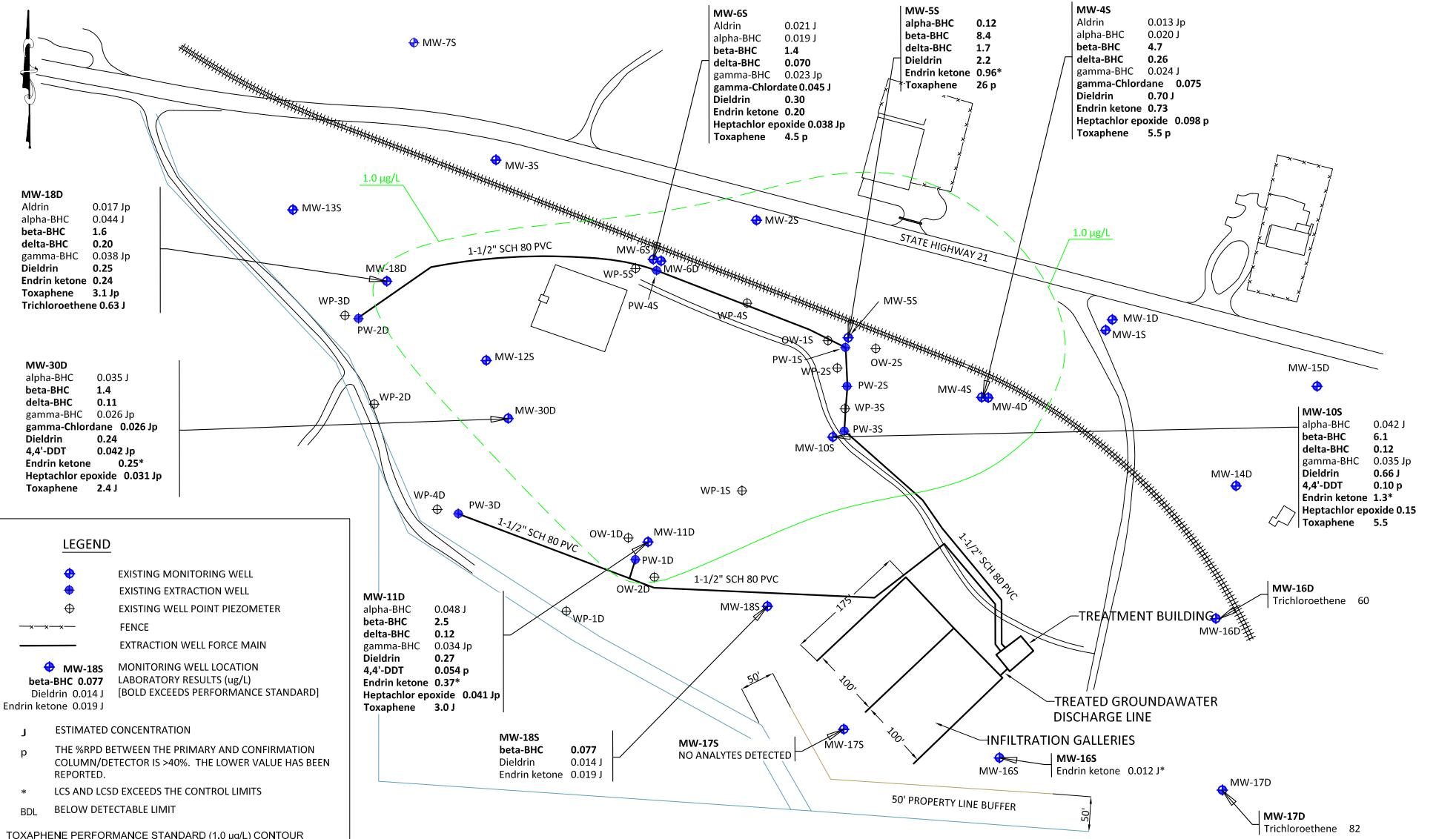
DATE: 02/10/2020

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FIGURE 13
TOXAPHENE ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

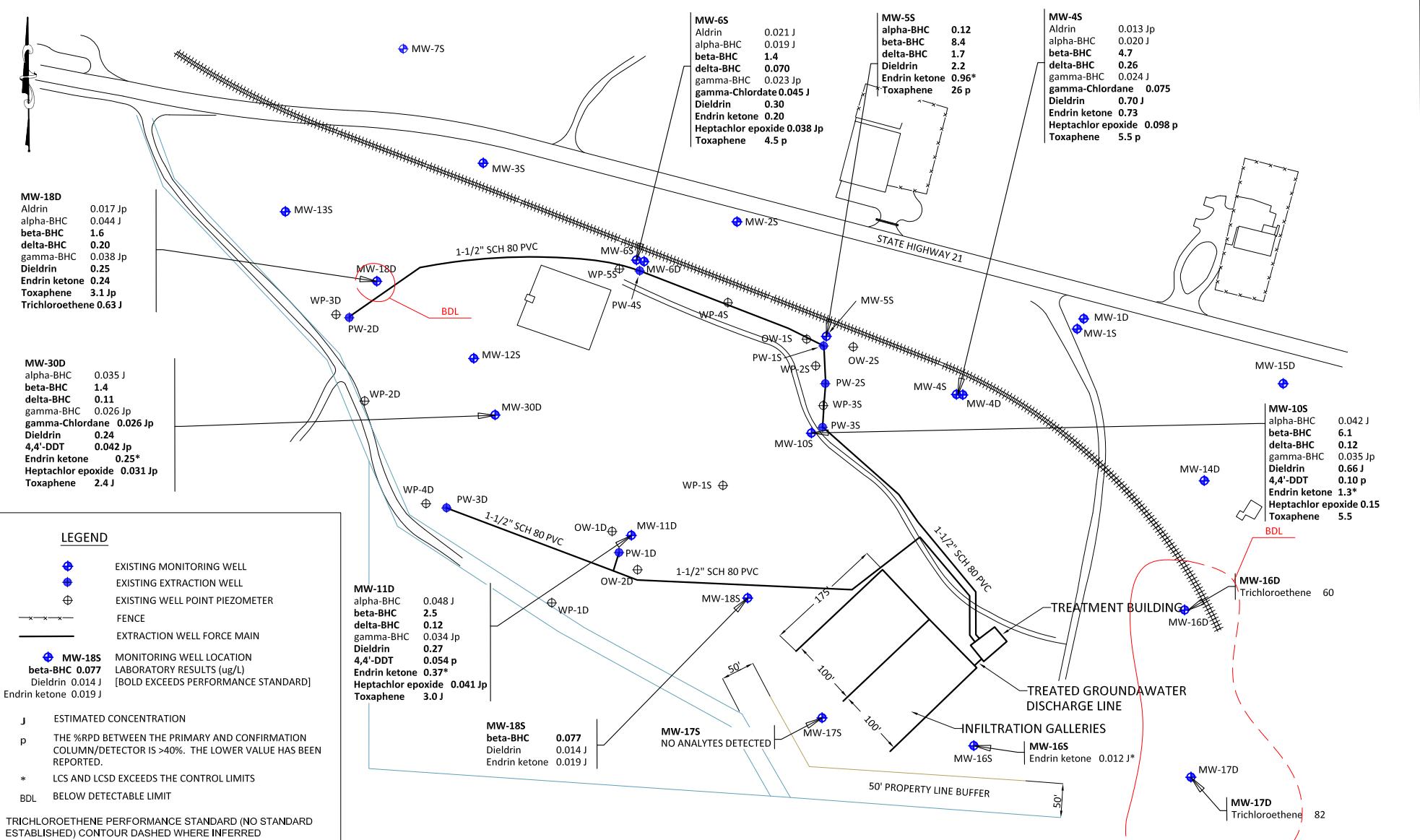
DATE: 02/10/2020

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100 0 100 200
APPROXIMATE SCALE

FIGURE 14
TRICHLOROETHENE ISOCONCENTRATION MAP

Geigy Chemical Corporation
Aberdeen, North Carolina

DATE: 02/10/2020

APPROVED BY:

CWH

DRAWN BY: AB

SCALE: AS SHOWN

PROJECT NO: 11.990010.00

ATTACHMENT C

OCTOBER 2019 MONITORING EVENT

SUMMARY TABLES

TABLE 2: UPPER BLACK CREEK AQUIFER GROUNDWATER MONITORING SUMMARY

PARAMETER	ANALYTICAL DATA							PERFORMANCE STANDARD
SAMPLE LOCATION	MW-11D	MW-18D	MW-20D	MW-22D	MW-23D	MW-26D	MW-30D	
DATE COLLECTED	10/15/19	10/15/19	10/16/19	10/16/19	10/17/19	10/17/19	10/16/19	
Aldrin	0.052 U	0.017 Jp	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	0.05
alpha-BHC	0.048 J	0.044 J	0.054 U	0.014 J	0.030 J	0.049 U	0.035 J	0.05
beta-BHC	2.5	1.6	0.027 J	0.10	0.033 J	0.049 U	1.4	0.05
delta-BHC	0.12	0.20	0.054 U	0.041 J	0.050 U	0.049 U	0.11	0.05
gamma-BHC (Lindane)	0.034 Jp	0.038 Jp	0.054 U	0.010 J	0.019 J	0.020 J	0.026 Jp	0.2
alpha-Chlordane	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.019 J	0.050 U	NE
gamma-Chlordane	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.013 J	0.026 Jp	NE
Dieldrin	0.27	0.25	0.054 U	0.049 U	0.050 U	0.049 U	0.24	0.1
4,4'-DDD	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
4,4'-DDE	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
4,4'-DDT	0.054 p	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.042 Jp	NE
Endosulfan I	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
Endosulfan II	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
Endosulfan sulfate	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
Endrin	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U*	0.14 *	0.050 U	NE
Endrin aldehyde	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
Endrin ketone	0.37 *	0.24	0.054 U	0.049 U	0.050 U	0.10 p	0.25 *	0.1
Heptachlor	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
Heptachlor epoxide	0.041 Jp	0.049 U	0.054 U	0.049 U	0.050 U	0.0083 Jp	0.031 Jp	NE
Methoxychlor	0.052 U	0.049 U	0.054 U	0.049 U	0.050 U	0.049 U	0.050 U	NE
Toxaphene	3.0 J	3.1 Jp	5.4 U	4.9 U	5.0 U	4.9 U	2.4 J	1
Trichloroethene	1.0 U	0.63 J	NA	NA	NA	NA	1.0 U	**

NOTES

Results are presented in micrograms per liter

J = Estimated value less than the reporting limit but greater than the method detection limit

** = Trichloroethene is not a COC for the Geigy site.

p = The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Bold = Concentration exceeds performance standard or method detection limits if no standard is established

NE = No standard established

NA = Not analyzed for this compound

U = Indicates the analyte was not detected

* = LCS and LCSD exceeds the control limits

TABLE 3: LOWER BLACK CREEK AQUIFER GROUNDWATER MONITORING SUMMARY

PARAMETER	ANALYTICAL DATA													PERFORMANCE STANDARD
SAMPLE LOCATION	MW-22L	MW-25L	MW-27L	MW-31L	MW-32L	MW-36L	MW-37L	MW-38L	MW-39L	MW-40L	PZ-2	PZ-3	PZ-5	
DATE COLLECTED	10/16/19	10/17/19	10/17/19	10/17/19	10/17/19	10/16/19	10/17/19	10/17/19	10/17/19	10/17/19	10/16/19	10/16/19	10/16/19	
Aldrin	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	0.05
alpha-BHC	0.14	0.60	0.59	0.39	0.052 U	0.048 U	0.56	0.048 U	0.050 U	0.39	0.34	0.21	0.53	0.05
beta-BHC	0.59	0.65	1.3	0.61	0.052 U	0.048 U	0.68	0.048 U	0.050 U	0.58	0.20	0.086	0.38	0.05
delta-BHC	0.33	0.68	1.0	0.62	0.052 U	0.048 U	1.1	0.048 U	0.050 U	0.75	0.22	0.13	0.48	0.05
gamma-BHC (Lindane)	0.11	0.11	0.16	0.080	0.052 U	0.048 U	0.14	0.048 U	0.050 U	0.053	0.26	0.14	0.11	0.2
alpha-Chlordane	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
gamma-Chlordane	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Dieldrin	0.051 p	0.012 Jp	0.088	0.031 J	0.052 U	0.048 U	0.026 J	0.023 J	0.050 U	0.017 Jp	0.024 J	0.051 U	0.0090 J	0.1
4,4'-DDD	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
4,4'-DDE	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
4,4'-DDT	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Endosulfan I	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Endosulfan II	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Endosulfan sulfate	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Endrin	0.050 U	0.046 U*	0.047 U*	0.013 J*	0.052 U*	0.048 U	0.048 U*	0.048 U*	0.050 U*	0.048 U*	0.053 U	0.051 U	0.046 U	NE
Endrin aldehyde	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Endrin ketone	0.040 Jp	0.033 Jp	0.22	0.066 p	0.052 U	0.048 U	0.075	0.048 U	0.050 U	0.083	0.018 J*	0.051 U*	0.026 J	0.1
Heptachlor	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Heptachlor epoxide	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Methoxychlor	0.050 U	0.046 U	0.047 U	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U	0.050 U	0.048 U	0.053 U	0.051 U	0.046 U	NE
Toxaphene	1.2 J	4.6 U	4.7 U	4.8 U	5.2 U	4.8 U	4.8 U	4.8 U	5.0 U	4.8 U	5.3 U	5.1 U	4.6 U	1

NOTES

Results are presented in micrograms per liter

J = Estimated value less than the reporting limit but greater than the method detection limit

* = LCS and LCSD exceeds the control limits

NE = No standard established

U = Indicates the analyte was not detected

Bold = Concentration exceeds performance standard or method detection limits if no standard is established

TABLE 4: INFLUENT AND EFFLUENT MONITORING SUMMARY

PARAMETER	FIRST QUARTER		SECOND QUARTER		THIRD QUARTER		FOURTH QUARTER		PERFORMANCE STANDARD
SAMPLE LOCATION	INFLUENT	EFFLUENT	INFLUENT	EFFLUENT	INFLUENT	EFFLUENT	INFLUENT	EFFLUENT	
DATE COLLECTED	01/28/19	01/28/19	04/30/19	04/30/19	7/30/2019	7/30/2019	10/16/19	10/16/19	
Aldrin	0.047 U	0.048 U	0.039 Jp*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	0.05
alpha-BHC	0.060	0.048 U	0.092 *	0.049 U*	0.054	0.050 U	0.079	0.0085 Jp	0.05
beta-BHC	6.1	0.048 U	6.5 *	0.049 U*	3.2	0.10	4.1	0.58	0.05
delta-BHC	0.56	0.048 U	0.6 *	0.049 U*	0.34	0.050 U	0.53	0.058	0.05
gamma-BHC (Lindane)	0.055 p	0.048 U	0.15 *	0.049 U*	0.078	0.050 U	0.120	0.014 J	0.2
alpha-Chlordane	0.11	0.048 U	0.048 U*	0.049 U*	0.050 p	0.050 U	0.049 J	0.048 U	NE
gamma-Chlordane	0.047 U	0.048 U	0.048 U*	0.049 U*	0.023 Jp	0.050 U	0.049 J	0.048 U	NE
Dieldrin	0.93	0.048 U	0.99 J*	0.049 U*	0.41	0.014 J	0.51	0.13	0.1
4,4'-DDD	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
4,4'-DDE	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
4,4'-DDT	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Endosulfan I	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Endosulfan II	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Endosulfan sulfate	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Endrin	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Endrin aldehyde	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Endrin ketone	0.81	0.048 U	0.68 p*	0.0091 J*	0.33	0.015 J	0.43	0.11 *	0.1
Heptachlor	0.047 U	0.048 U	0.048 U*	0.049 U*	0.050 U	0.050 U	0.049 U	0.048 U	NE
Heptachlor epoxide	0.061 p	0.048 U	0.18 *	0.049 U*	0.036 Jp	0.050 U	0.049 U	0.048 U	NE
Methoxychlor	0.047 U	0.048 U	0.048 *	0.049 U*	0.085	0.050 U	0.049 U	0.048 U	NE
Toxaphene	6.1 p	0.048 U	5.5 p	0.049 U*	5.9	0.050 U	8.2	1.1 J	1
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**

NOTES

Results are presented in micrograms per liter

J = Estimated value less than the reporting limit but greater than the method detection limit

* = LCS and LCSD exceeds the control limits

** = Trichloroethene is not a COC for the Geigy site.

p = The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

NE = No standard established

U = Indicates the analyte was not detected

Bold = Concentration exceeds performance standard or method detection limits if no standard is established

TABLE 5: ON SITE GROUNDWATER MONITORING SUMMARY

PARAMETER	ANALYTICAL DATA												PERFORMANCE STANDARD
	SAMPLE LOCATION	MW-4S	MW-5S	MW-6S	MW-10S	MW-11D	MW-16S	MW-16D	MW-17S	MW-17D	MW-18S	MW-18D	MW-30D
DATE COLLECTED	10/15/19	10/15/19	10/15/19	10/15/19	10/15/19	10/15/19	10/16/19	10/15/19	10/16/19	10/15/19	10/15/19	10/16/19	10/16/19
Aldrin	0.013 Jp	0.049 U	0.021 J	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.017 Jp	0.050 U	0.05
alpha-BHC	0.020 J	0.12	0.019 J	0.042 J	0.048 J	0.051 U	NA	0.049 U	NA	0.048 U	0.044 J	0.035 J	0.05
beta-BHC	4.7	8.4	1.4	6.1	2.5	0.051 U	NA	0.049 U	NA	0.077	1.6	1.4	0.05
delta-BHC	0.26	1.7	0.070	0.12	0.12	0.051 U	NA	0.049 U	NA	0.048 U	0.20	0.11	0.05
gamma-BHC (Lindane)	0.024 J	0.049 U	0.023 Jp	0.035 Jp	0.034 Jp	0.051 U	NA	0.049 U	NA	0.048 U	0.038 Jp	0.026 Jp	0.2
alpha-Chlordane	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
gamma-Chlordane	0.075	0.049 U	0.045 J	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.026 Jp	NE
Dieldrin	0.70 J	2.2	0.30	0.66 J	0.27	0.051 U	NA	0.049 U	NA	0.014 J	0.25	0.24	0.1
4,4'-DDD	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
4,4'-DDE	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
4,4'-DDT	0.052 U	0.24 U	0.048 U	0.10 p	0.054 p	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.042 Jp	NE
Endosulfan I	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Endosulfan II	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Endosulfan sulfate	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Endrin	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Endrin aldehyde	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Endrin ketone	0.73	0.96 *	0.20	1.3 *	0.37 *	0.012 J*	NA	0.049 U	NA	0.019 J	0.24	0.25 *	0.1
Heptachlor	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Heptachlor epoxide	0.098 p	0.049 U	0.038 Jp	0.15	0.041 Jp	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.031 Jp	NE
Methoxychlor	0.052 U	0.049 U	0.048 U	0.048 U	0.052 U	0.051 U	NA	0.049 U	NA	0.048 U	0.049 U	0.050 U	NE
Toxaphene	5.5 p	26 p	4.5 Jp	5.5	3.0 J	5.1 U	NA	4.9 U	NA	4.8 U	3.1 Jp	2.4 J	1
Trichloroethene	NA	NA	NA	1.0 U	1.0 U	1.0 U	60	1.0 U	82	1.0 U	0.63 J	1.0 U	**

NOTES

Results are presented in micrograms per liter

J = Estimated value less than the reporting limit but greater than the method detection limit

** = Trichloroethene is not a COC for the Geigy site.

p = The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

NE = No standard established

NA = Not analyzed for this compound

U = Indicates the analyte was not detected

Bold = Concentration exceeds performance standard or method detection limits if no standard is established

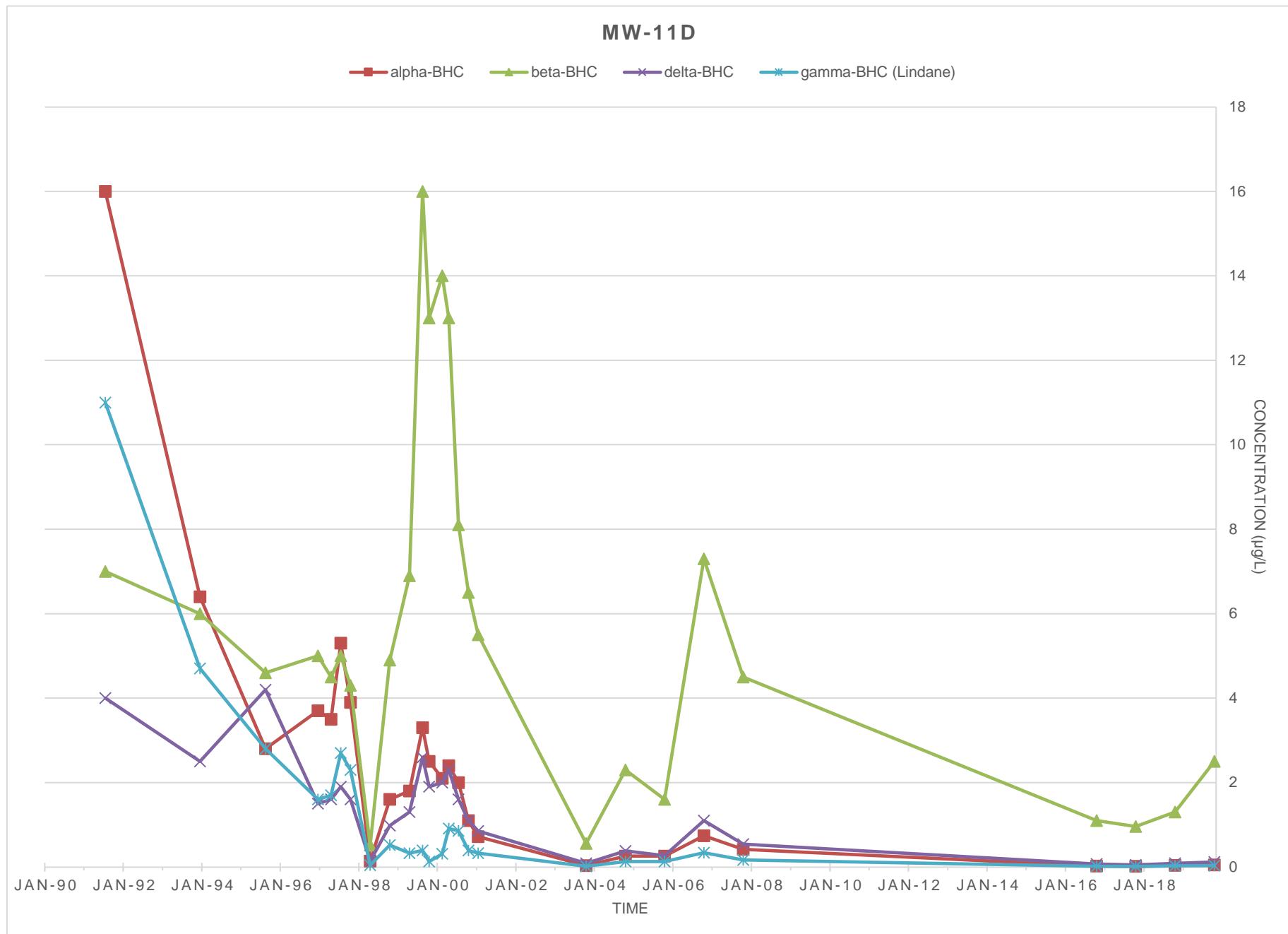
TABLE 6: GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SUMMARY

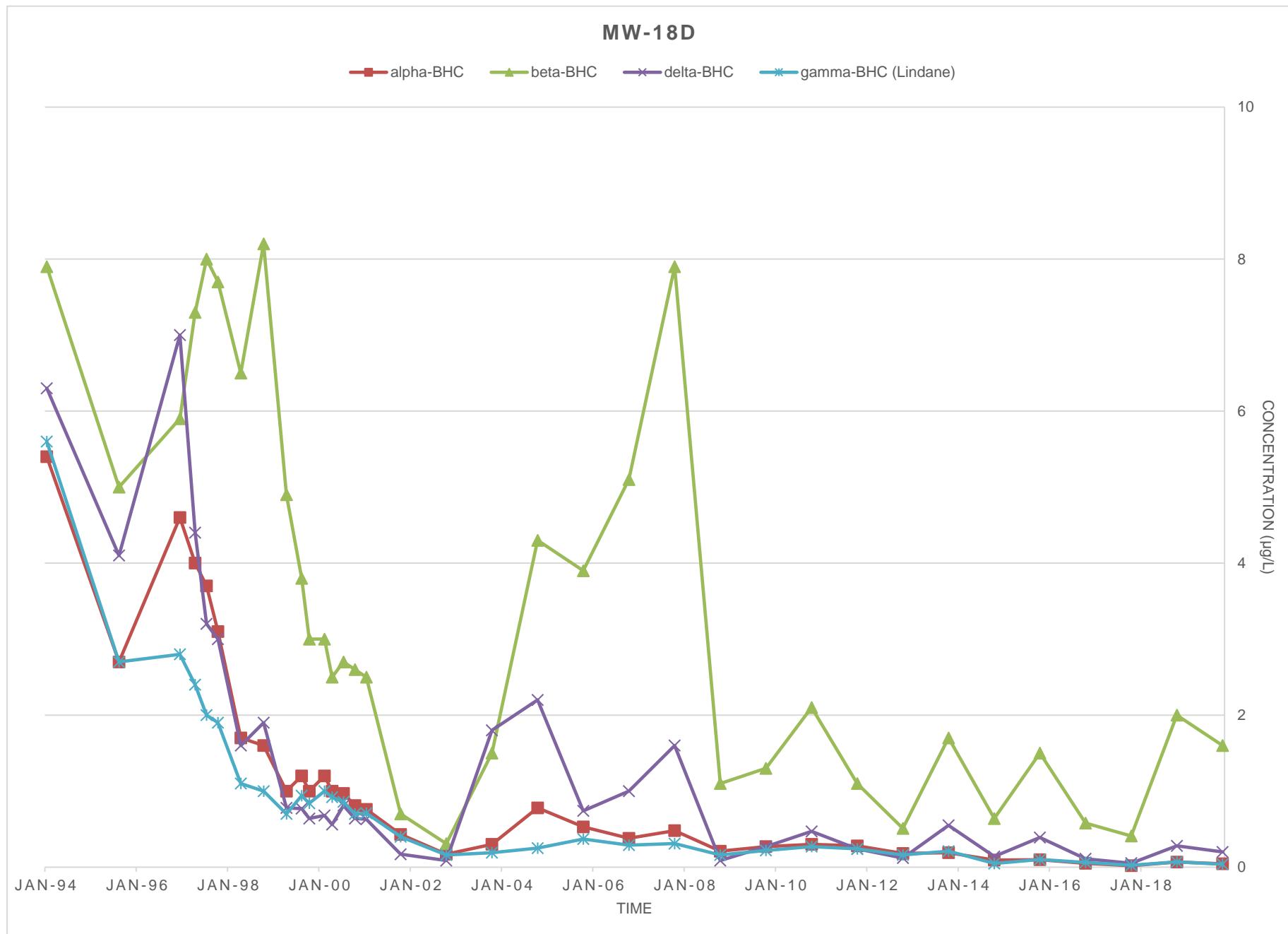
LOCATION												
DATE	01/28/19	02/14/19	03/28/19	04/30/19	05/21/19	06/10/19	07/29/19	08/20/19	09/26/19	10/15/19	11/14/19	12/23/19
PW-1S	7,111,006	7,159,062	7,277,010	7,325,431	7,350,131	7,367,729	7,417,585	7,424,324	7,432,792	7,467,166	7,509,588	7,552,251
PW-1D	70,553,825	70,645,275	70,883,038	70,967,027	71,007,267	71,036,766	71,153,450	71,285,268	71,482,997	71,603,255	71,762,792	71,922,689
PW-2S	2,024,057	2,038,143	2,071,726	2,092,332	2,103,472	2,111,629	2,130,788	2,146,758	2,170,713	2,183,592	2,198,600	2,213,711
PW-2D	20,641,514	20,670,458	20,747,225	20,773,120	20,806,291	20,871,895	21,051,341	21,136,129	21,236,311	21,296,311	21,351,216	21,406,262
PW-3S	2,487,024	2,505,106	2,552,599	2,575,894	2,588,323	2,596,706	2,618,274	2,633,249	2,655,713	2,665,846	2,677,816	2,689,839
PW-3D	18,126,219	18,198,131	18,385,918	18,452,780	18,485,087	18,509,066	18,605,120	18,714,322	18,878,127	18,977,737	19,110,277	19,243,742
PW-4S	24,614,364	24,649,851	24,732,874	24,761,044	24,775,129	24,786,050	24,833,035	24,886,234	24,966,033	25,013,579	25,073,731	25,134,027
Extraction Wells	145,558,009	145,866,026	146,650,390	146,947,628	147,115,700	147,279,841	147,809,593	148,226,284	148,822,686	149,207,486	149,684,020	150,162,521
Treatment Building	154,800,277	155,127,459	155,962,727	156,279,385	156,457,383	156,630,626	157,146,827	157,433,584	158,249,938	158,663,403	159,184,500	160,009,500
Difference	9,242,268	9,261,433	9,312,337	9,331,757	9,341,683	9,350,785	9,337,234	9,207,300	9,427,252	9,455,917	9,500,480	9,846,979
% Difference	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	5.9%	5.8%	6.0%	6.0%	6.0%	6.2%
LOCATION												
TIME PERIOD	12/18/18 01/28/19	01/28/19 02/14/19	02/14/19 03/28/19	03/28/19 04/30/19	04/30/19 05/21/19	05/21/19 06/10/19	06/10/19 07/29/19	07/29/19 08/20/19	08/20/19 09/26/19	09/26/19 10/15/19	10/15/19 11/14/19	11/14/19 12/23/19
DAYS IN PERIOD	41	17	42	33	21	20	49	22	37	19	30	39
TOTAL DAYS OF OPERATION	6,766	6,783	6,825	6,858	6,879	6,899	6,948	6,970	7,007	7,026	7,056	7,095
Average Daily Volume (gallons)												
PW-1S	2,499	2,827	2,808	1,467	1,176	880	1,017	306	229	1,809	1,414	1,094
PW-1D	4,737	5,379	5,661	2,545	1,916	1,475	2,381	5,992	5,344	6,329	5,318	4,100
PW-2S	807	829	800	624	530	408	391	726	647	678	500	387
PW-2D	1,485	1,703	1,828	785	1,580	3,280	3,662	3,854	2,708	3,158	1,830	1,411
PW-3S	769	1,064	1,131	706	592	419	440	681	607	533	399	308
PW-3D	3,686	4,230	4,471	2,026	1,538	1,199	1,960	4,964	4,427	5,243	4,418	3,422
PW-4S	1,839	2,087	1,977	854	671	546	959	2,418	2,157	2,502	2,005	1,546
Extraction Wells	15,821	18,119	18,675	9,007	8,003	8,207	10,811	18,941	16,119	20,253	15,884	12,269
Average Flow Rate (gallons per minute)												
PW-1S	1.74	1.96	1.95	1.02	0.82	0.61	0.71	0.21	0.16	1.26	0.98	0.76
PW-1D	3.29	3.74	3.93	1.77	1.33	1.02	1.65	4.16	3.71	4.40	3.69	2.85
PW-2S	0.56	0.58	0.56	0.43	0.37	0.28	0.27	0.50	0.45	0.47	0.35	0.27
PW-2D	1.03	1.18	1.27	0.54	1.10	2.28	2.54	2.68	1.88	2.19	1.27	0.98
PW-3S	0.53	0.74	0.79	0.49	0.41	0.29	0.31	0.47	0.42	0.37	0.28	0.21
PW-3D	2.56	2.94	3.10	1.41	1.07	0.83	1.36	3.45	3.07	3.64	3.07	2.38
PW-4S	1.28	1.45	1.37	0.59	0.47	0.38	0.67	1.68	1.50	1.74	1.39	1.07
Extraction Wells	10.99	12.58	12.97	6.26	5.56	5.70	7.51	13.15	11.19	14.06	11.03	8.52
SYSTEM TO DATE	15.89	15.88	15.87	15.82	15.79	15.77	15.71	15.69	15.68	15.67	15.66	15.66

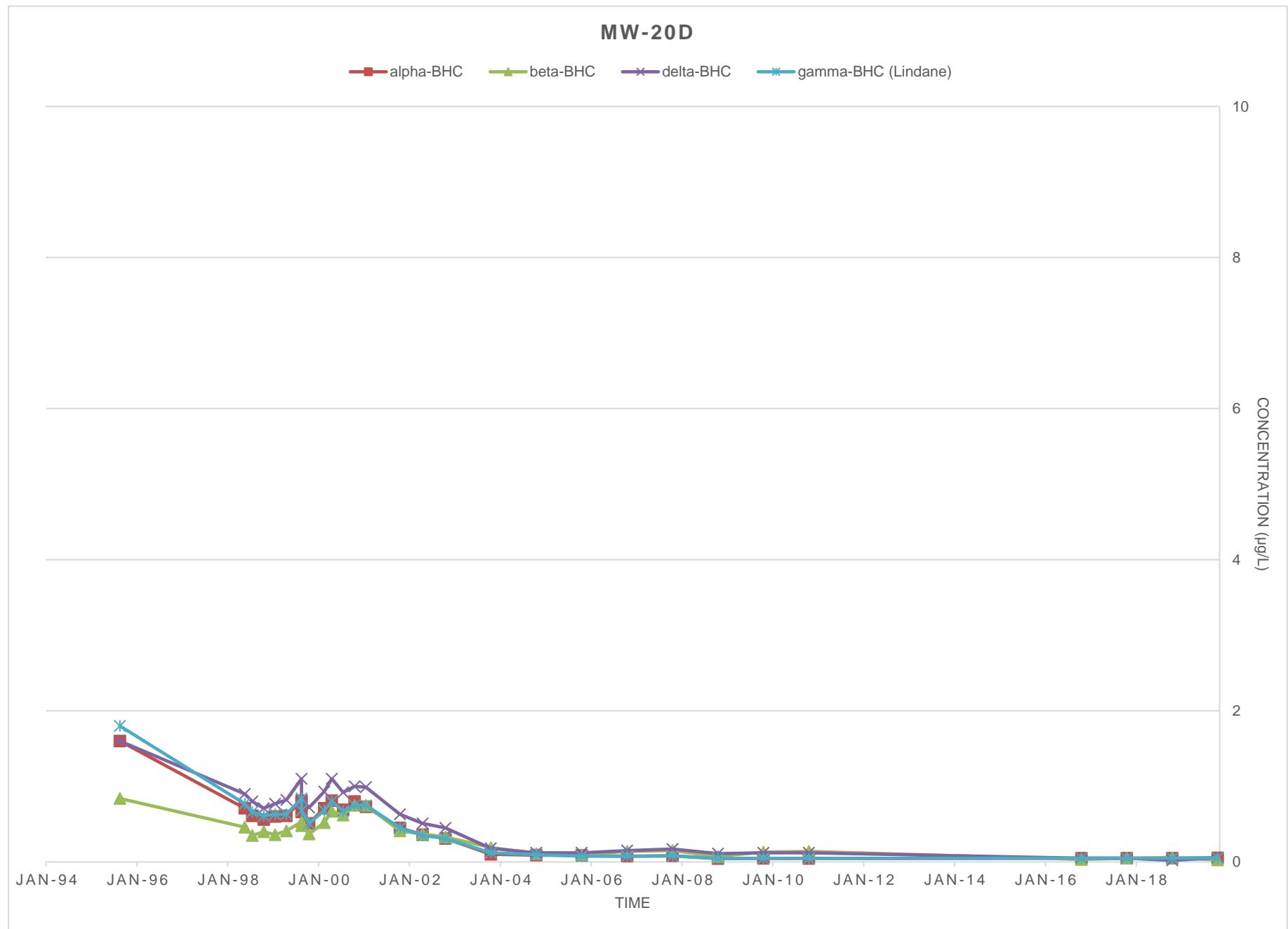
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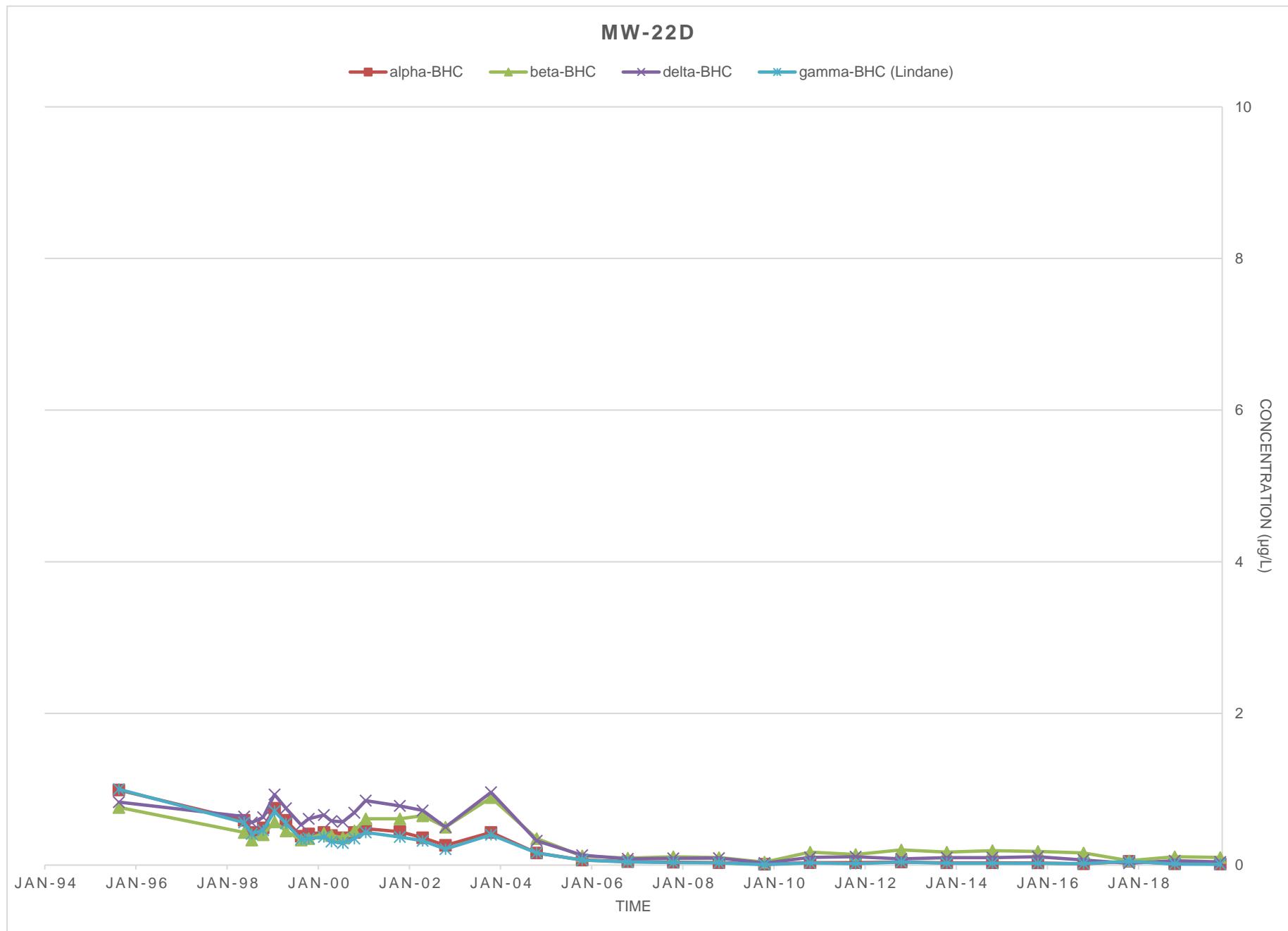
ATTACHMENT D

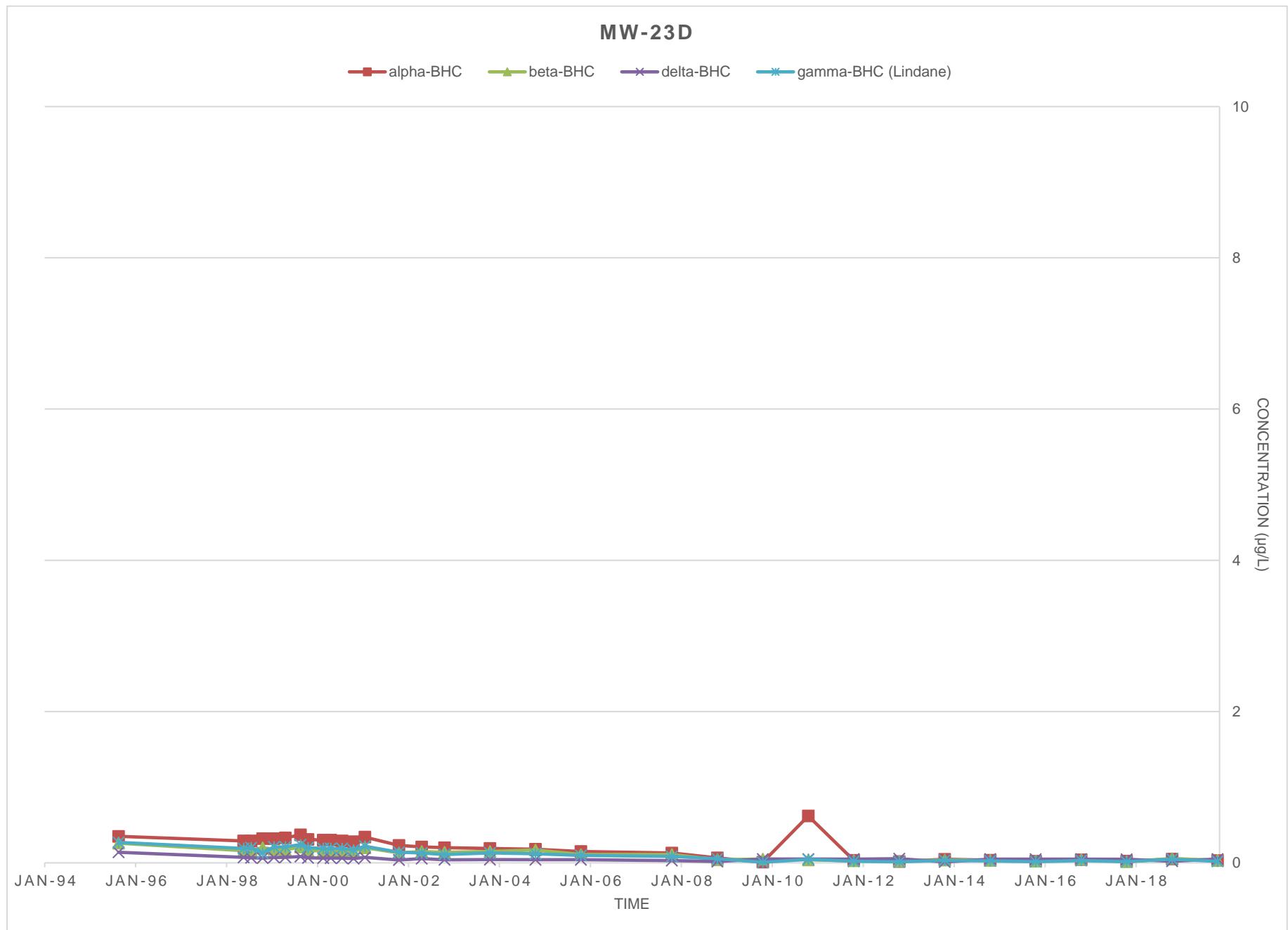
BHC ISOMER TREND GRAPHS AND FIGURES

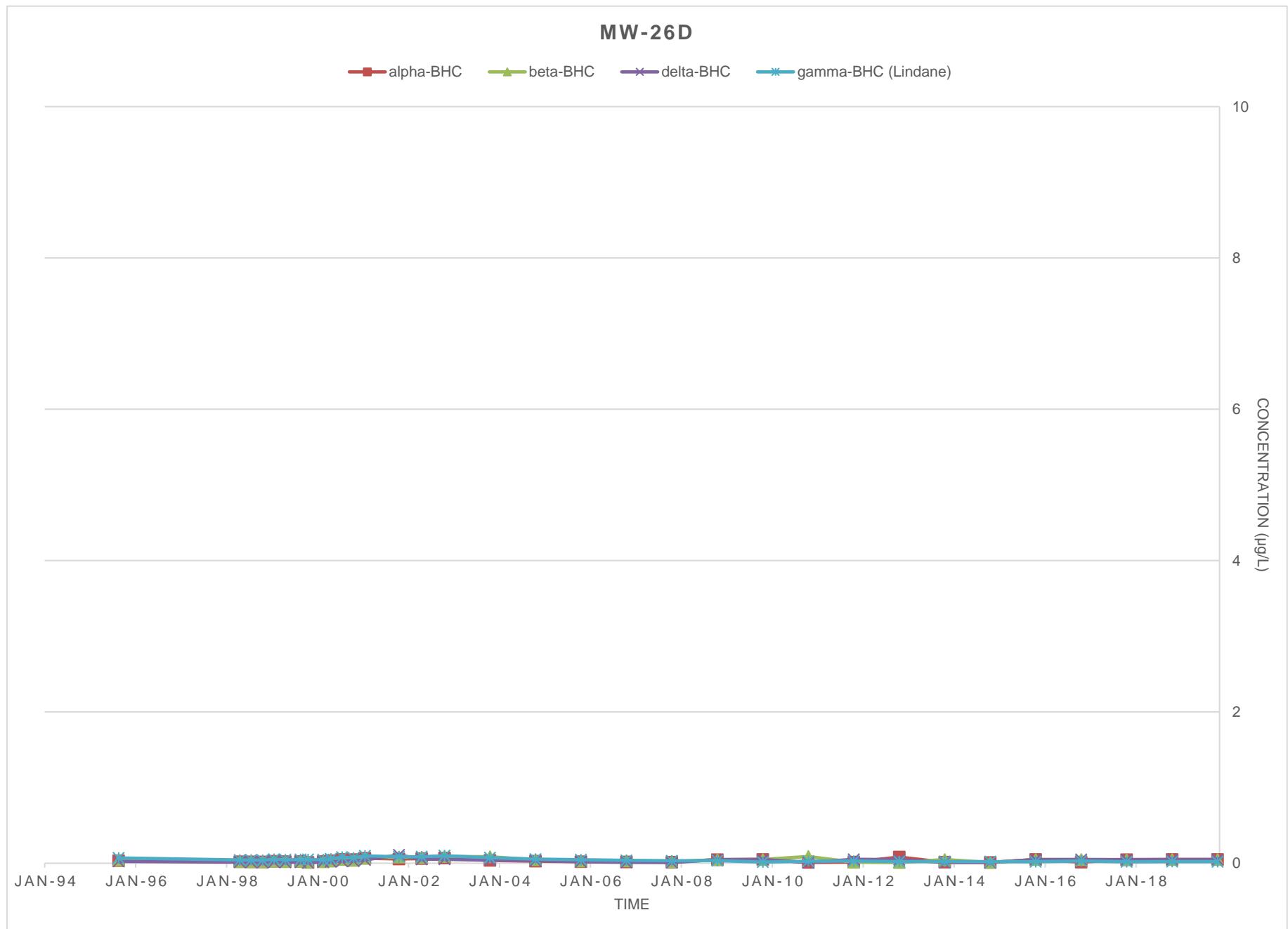


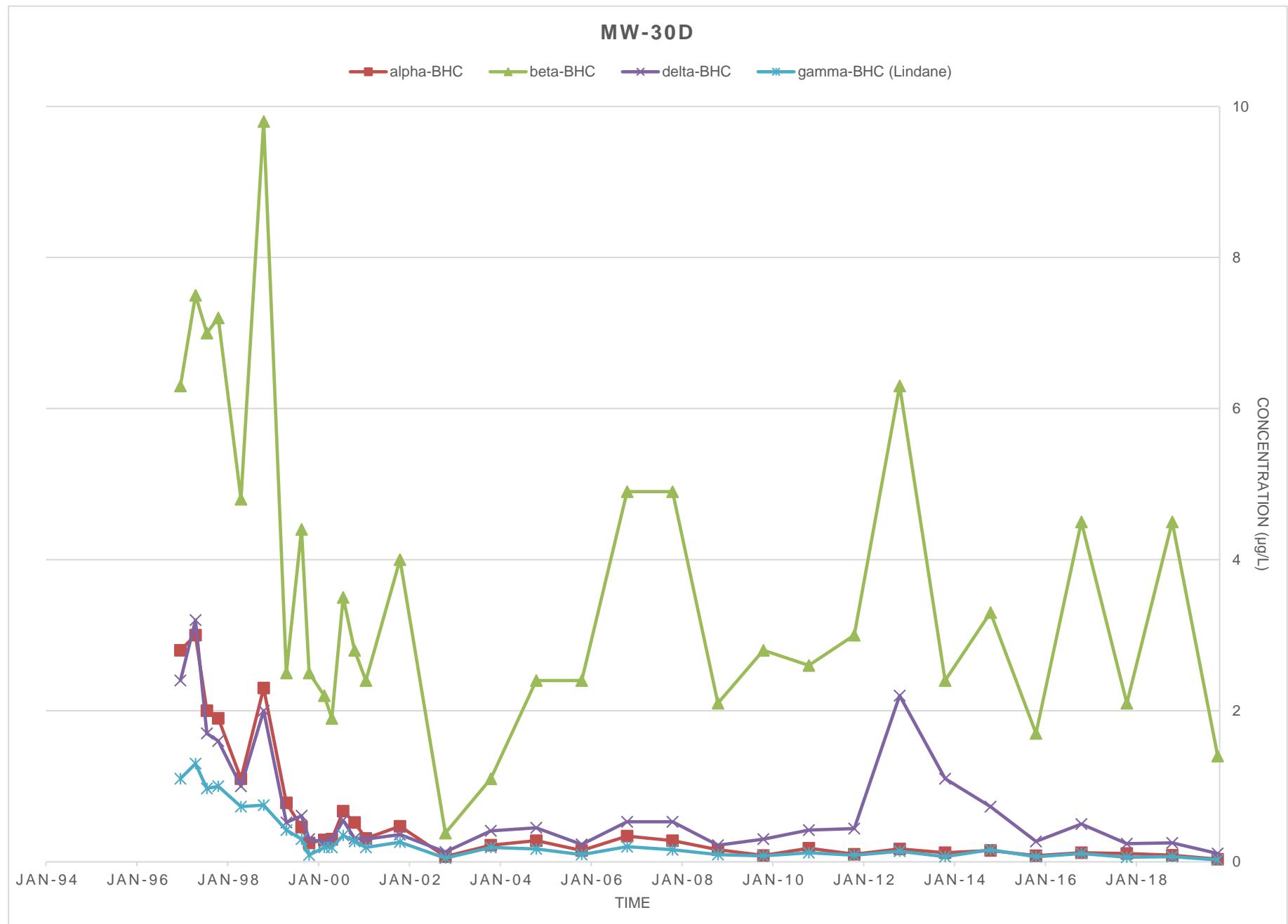


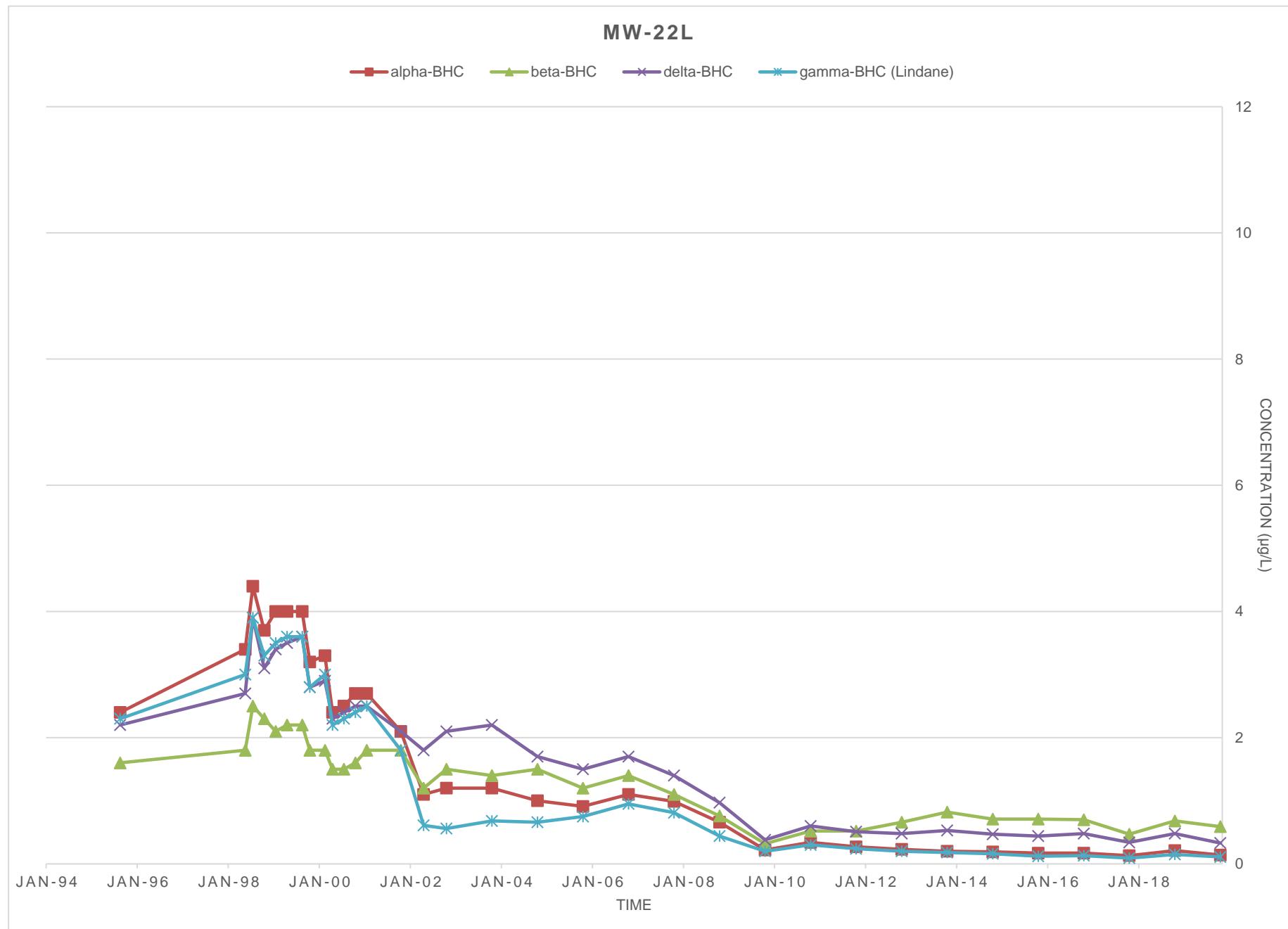


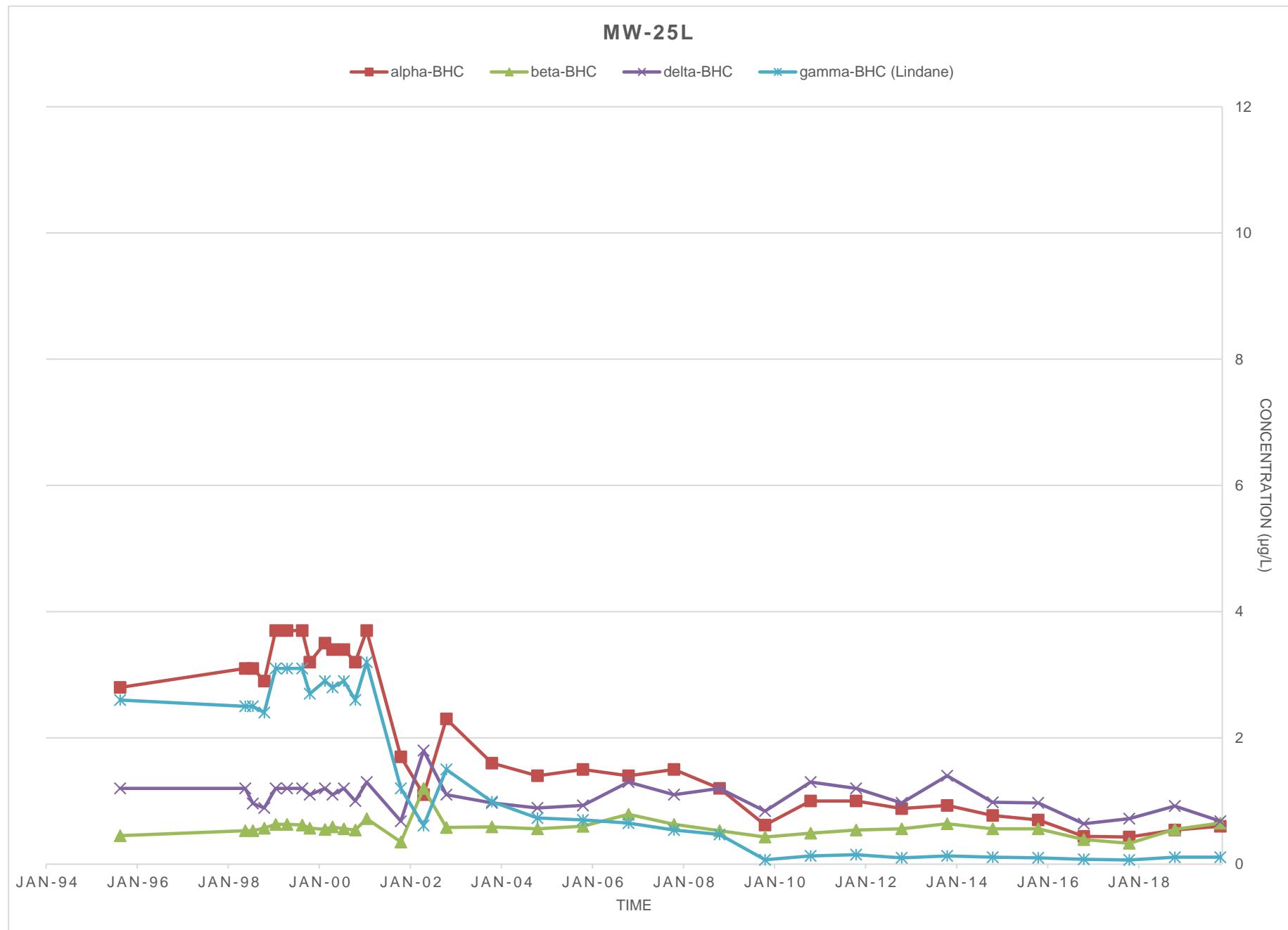


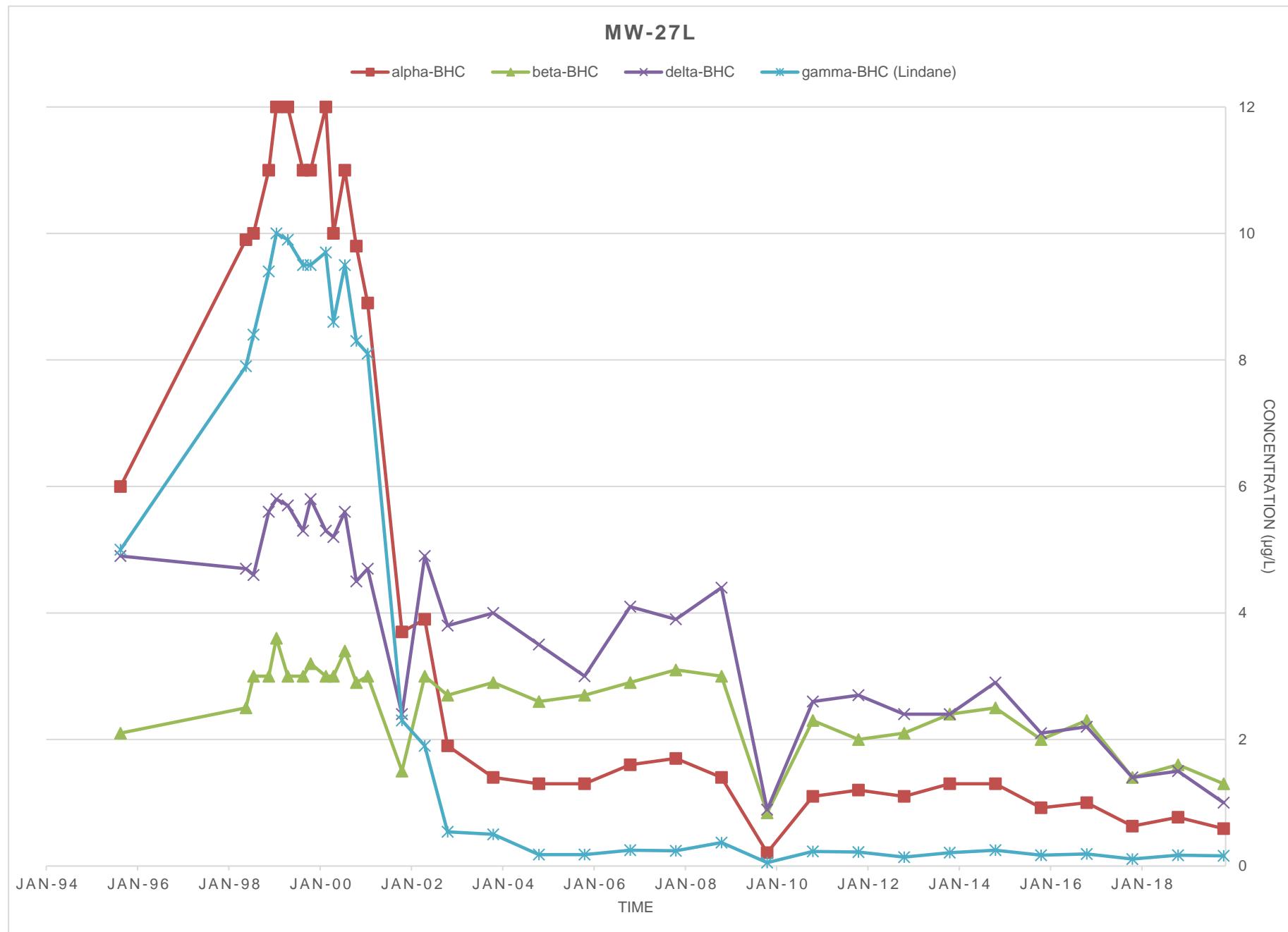


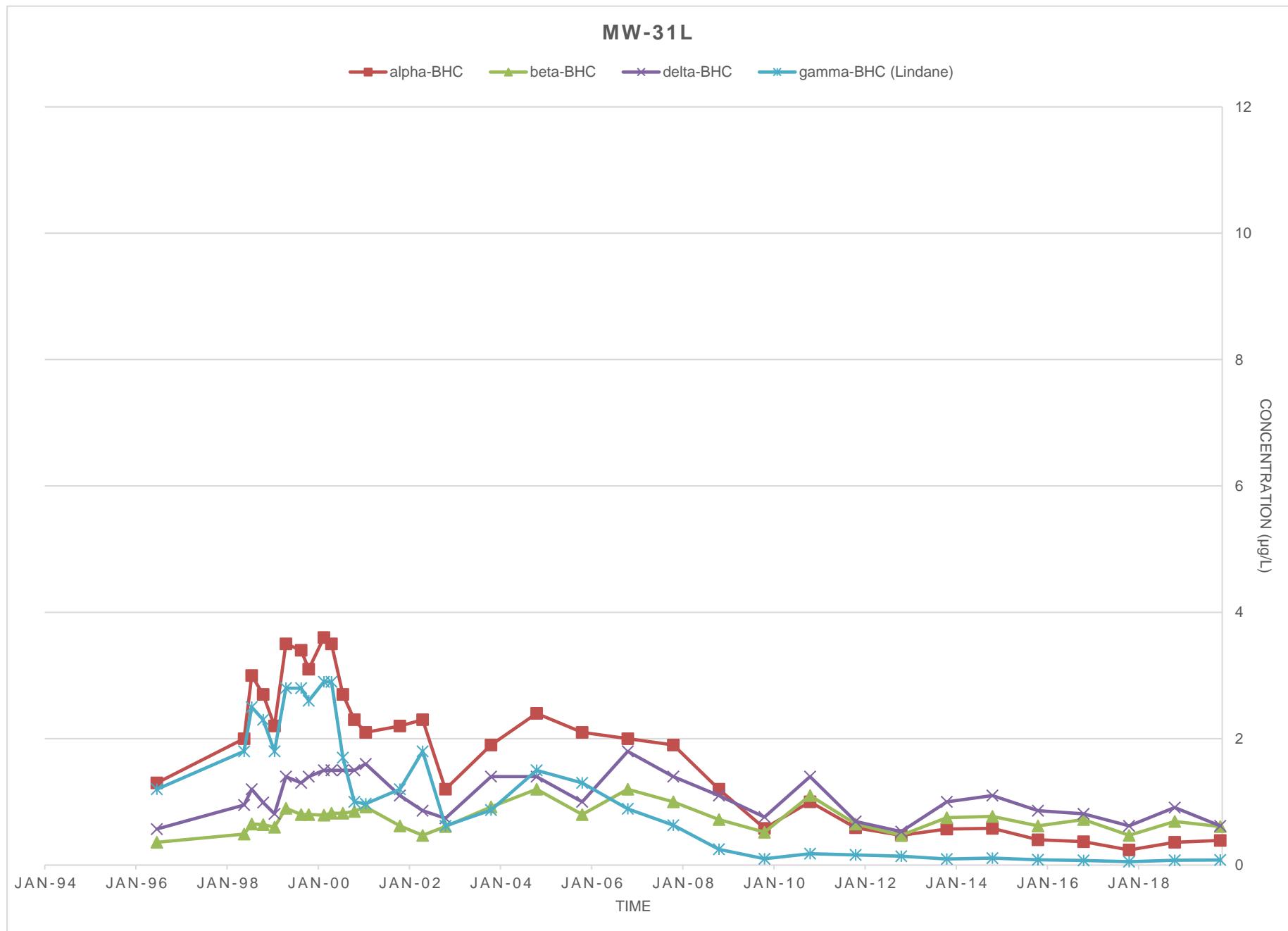


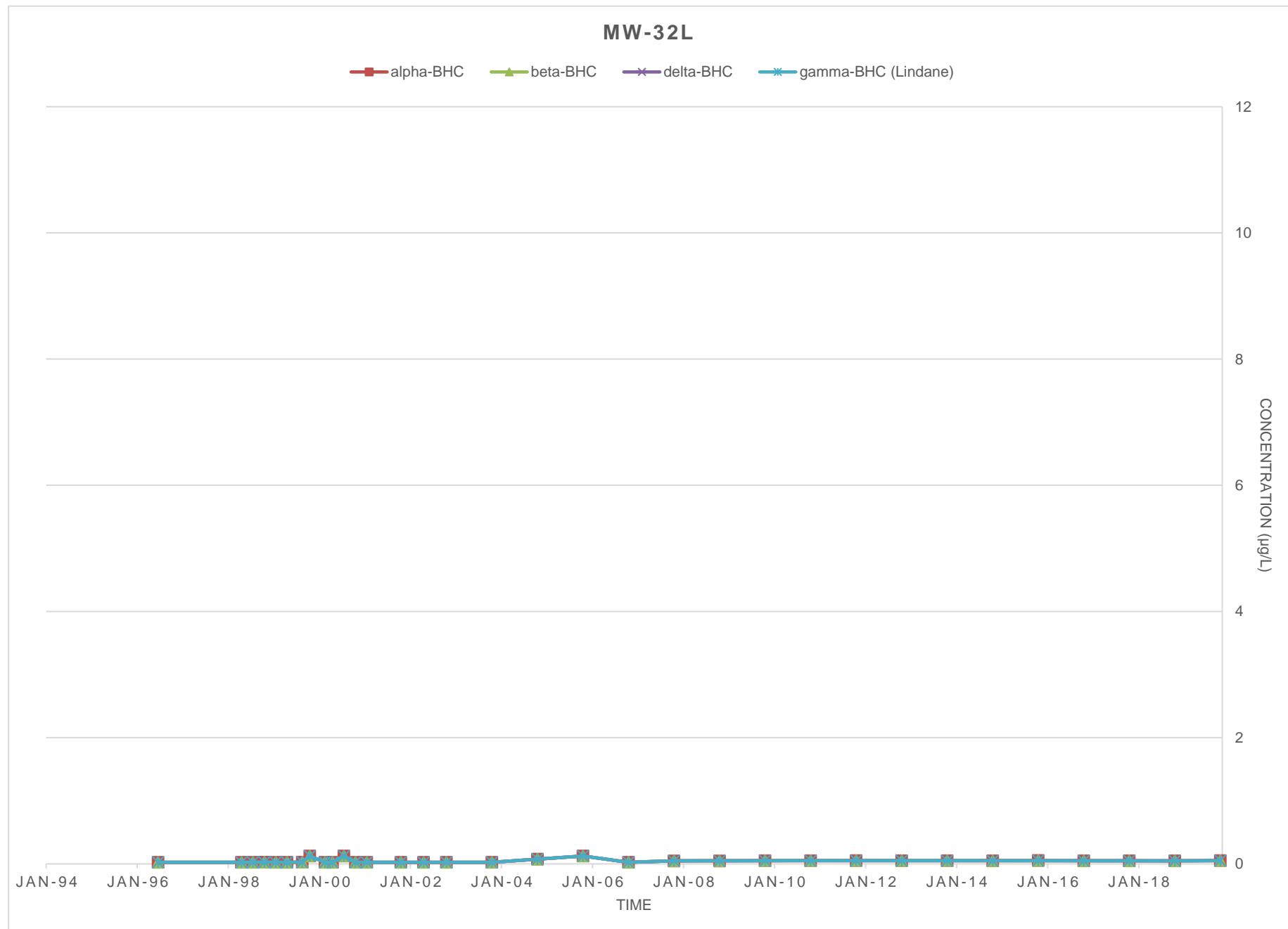


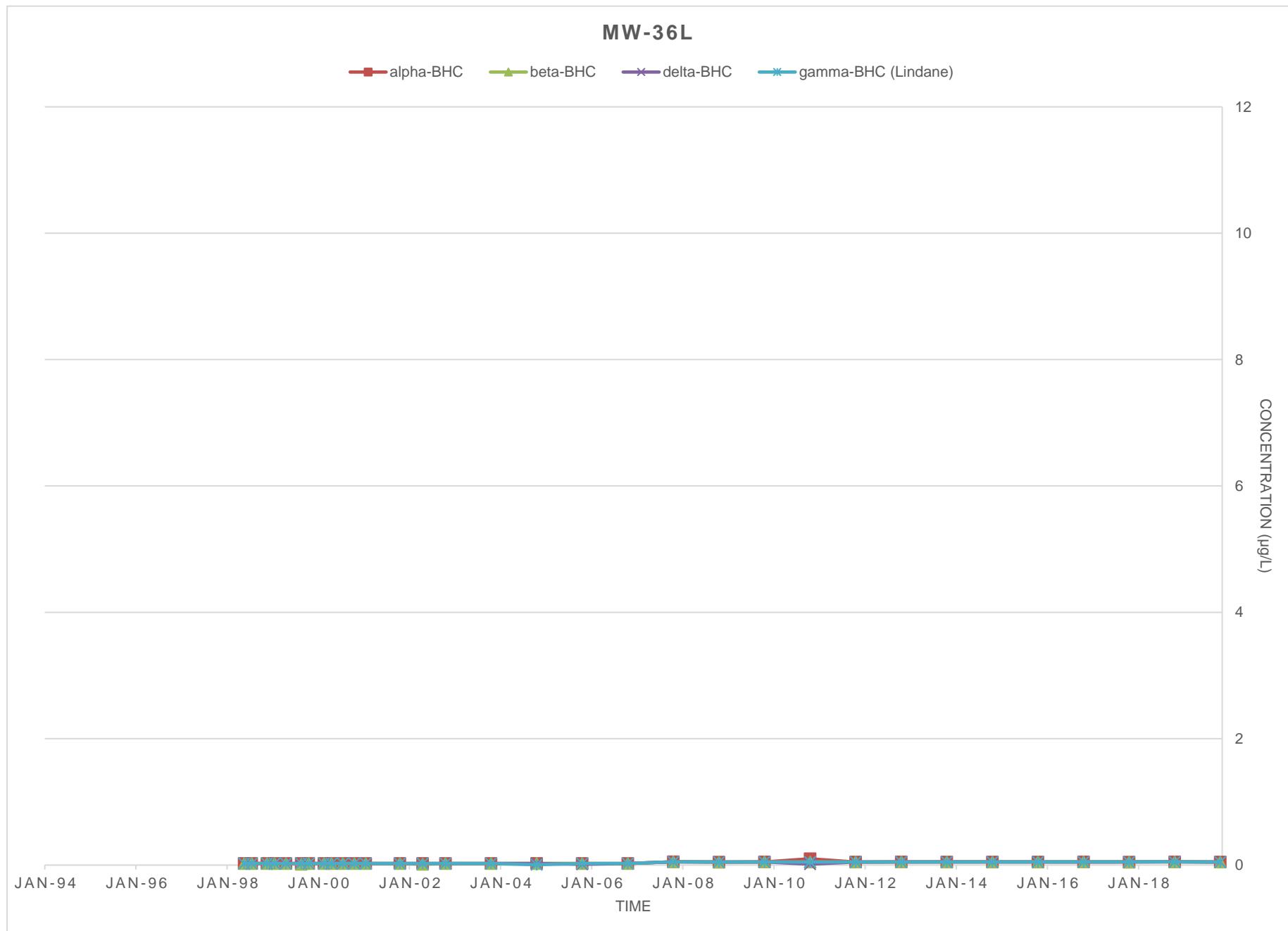


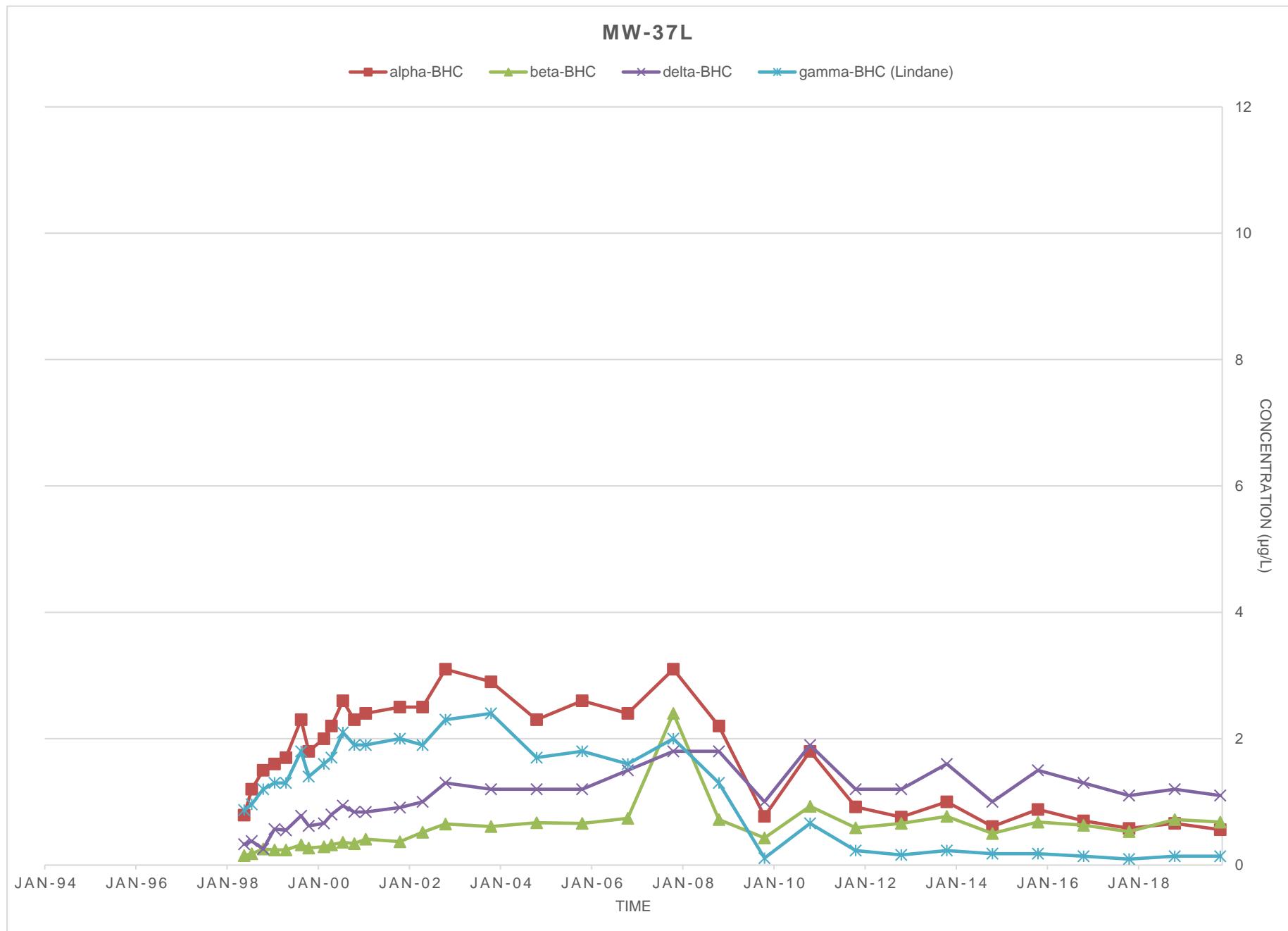


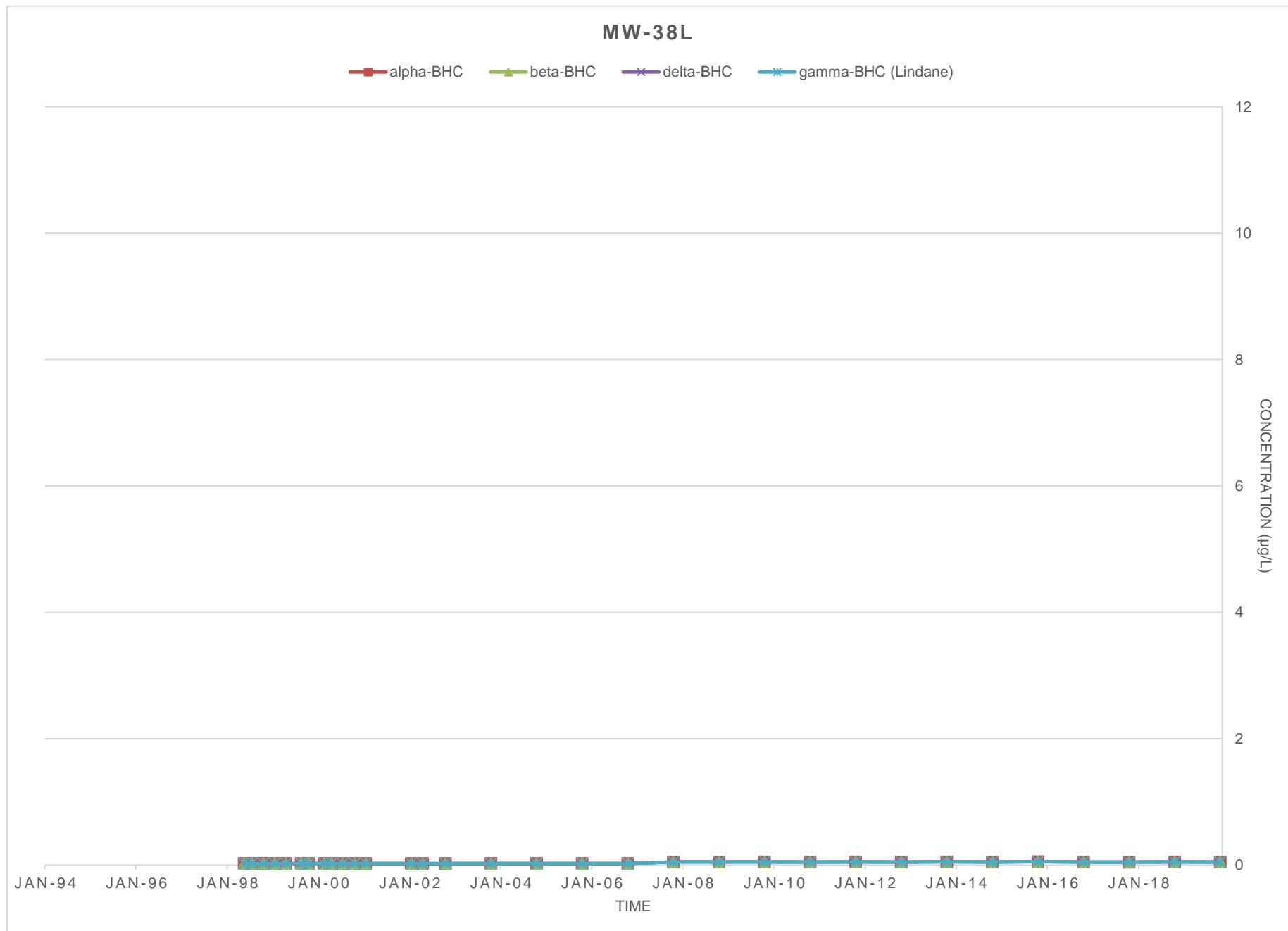


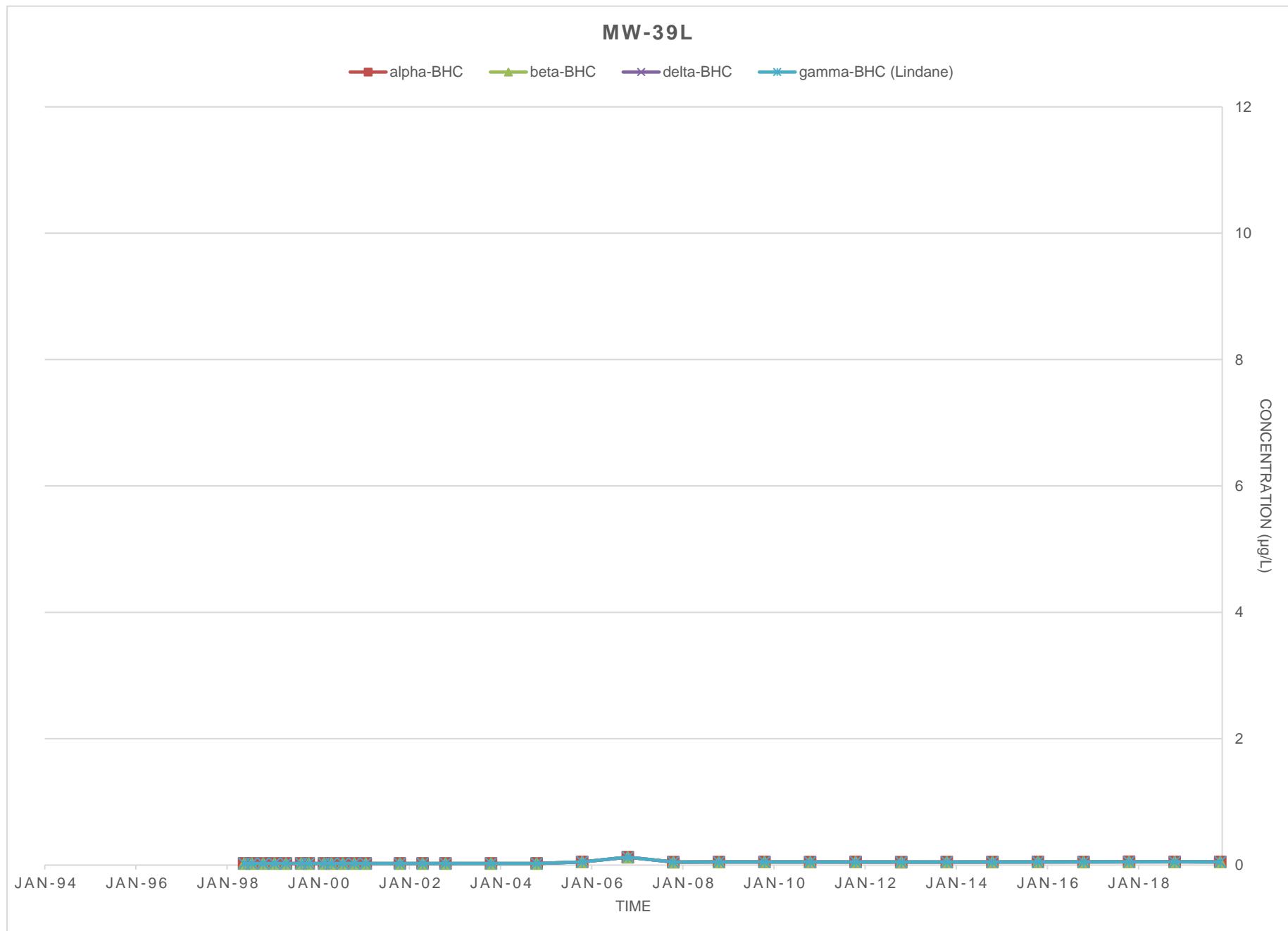


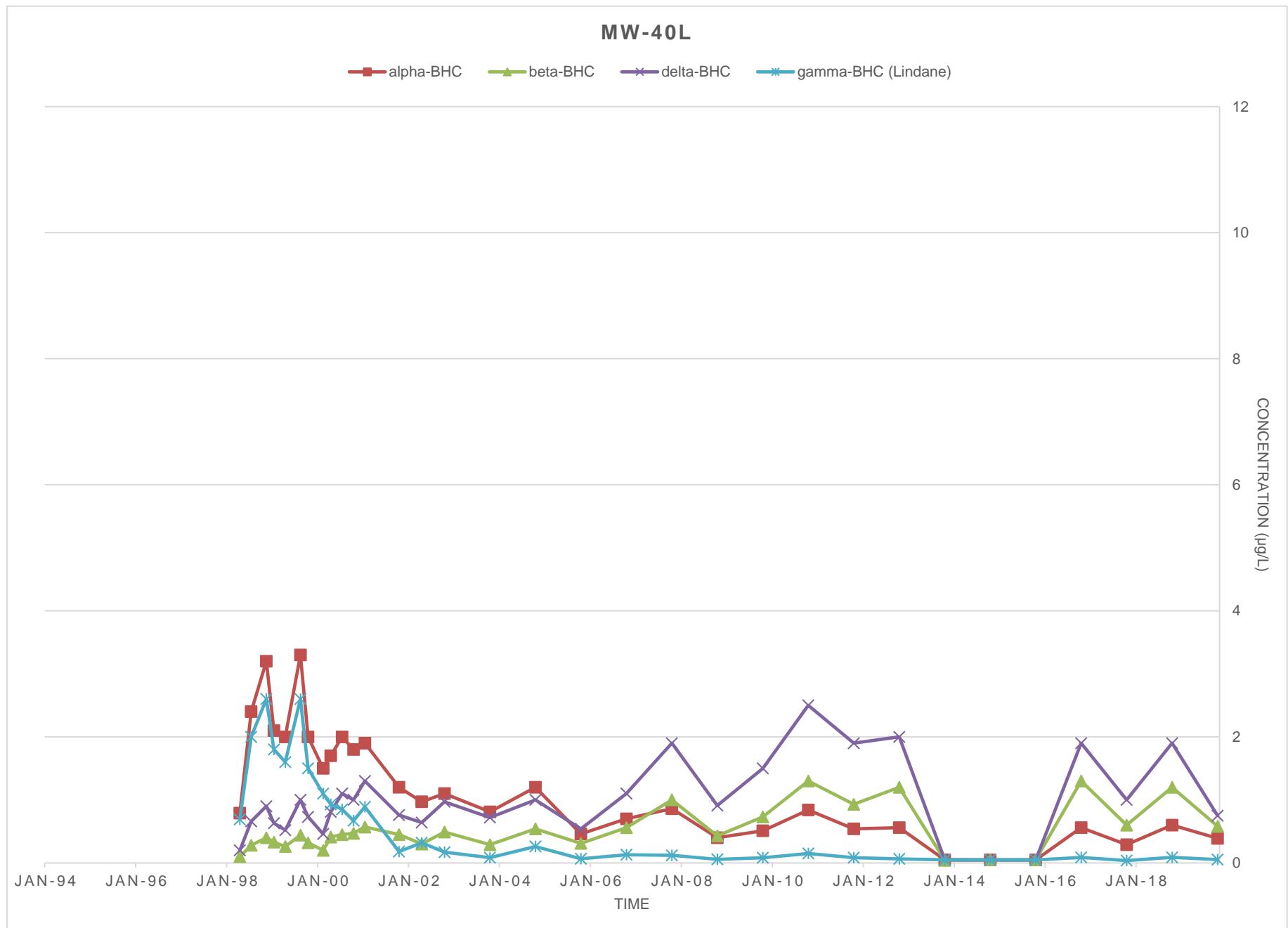


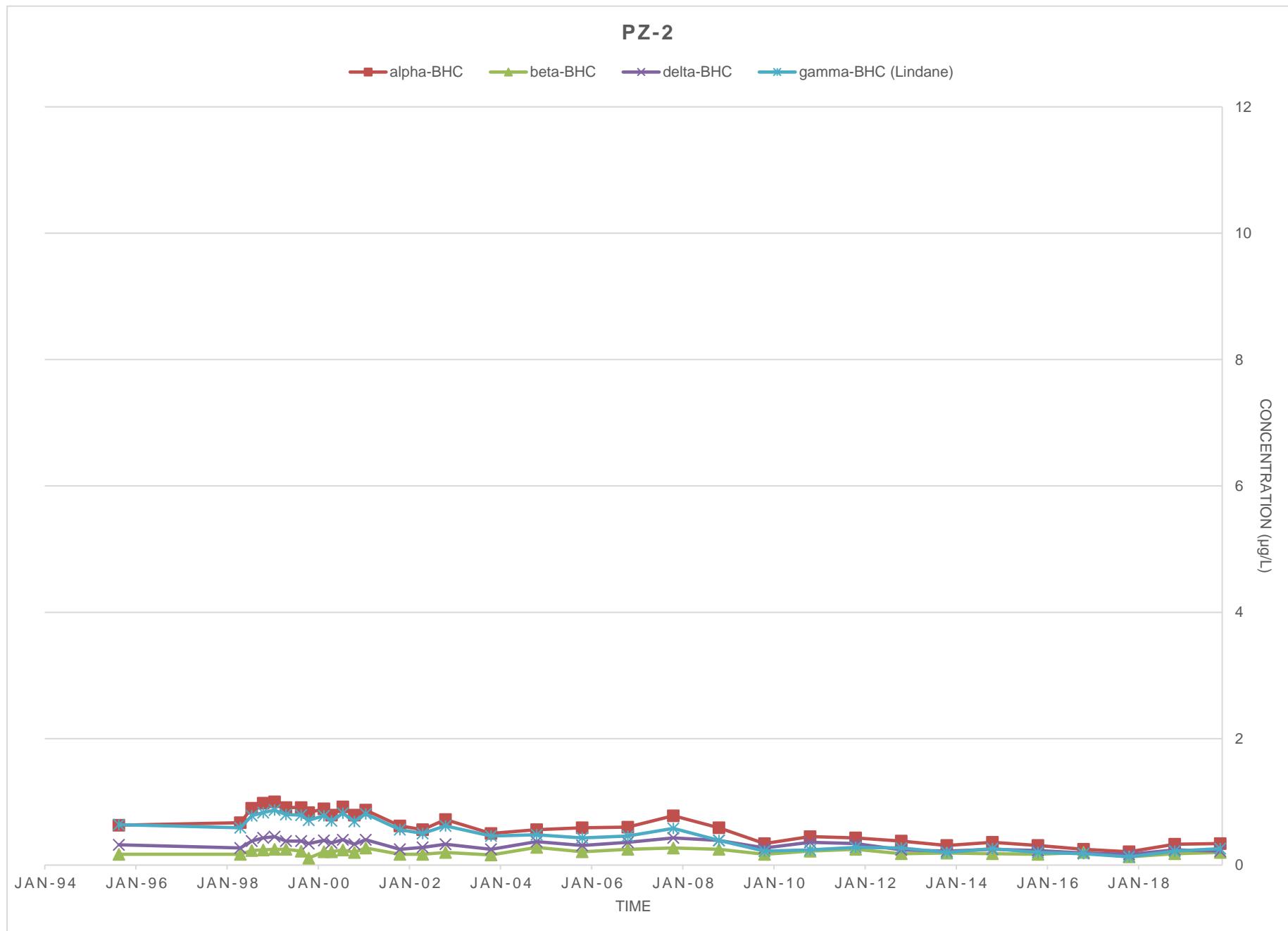


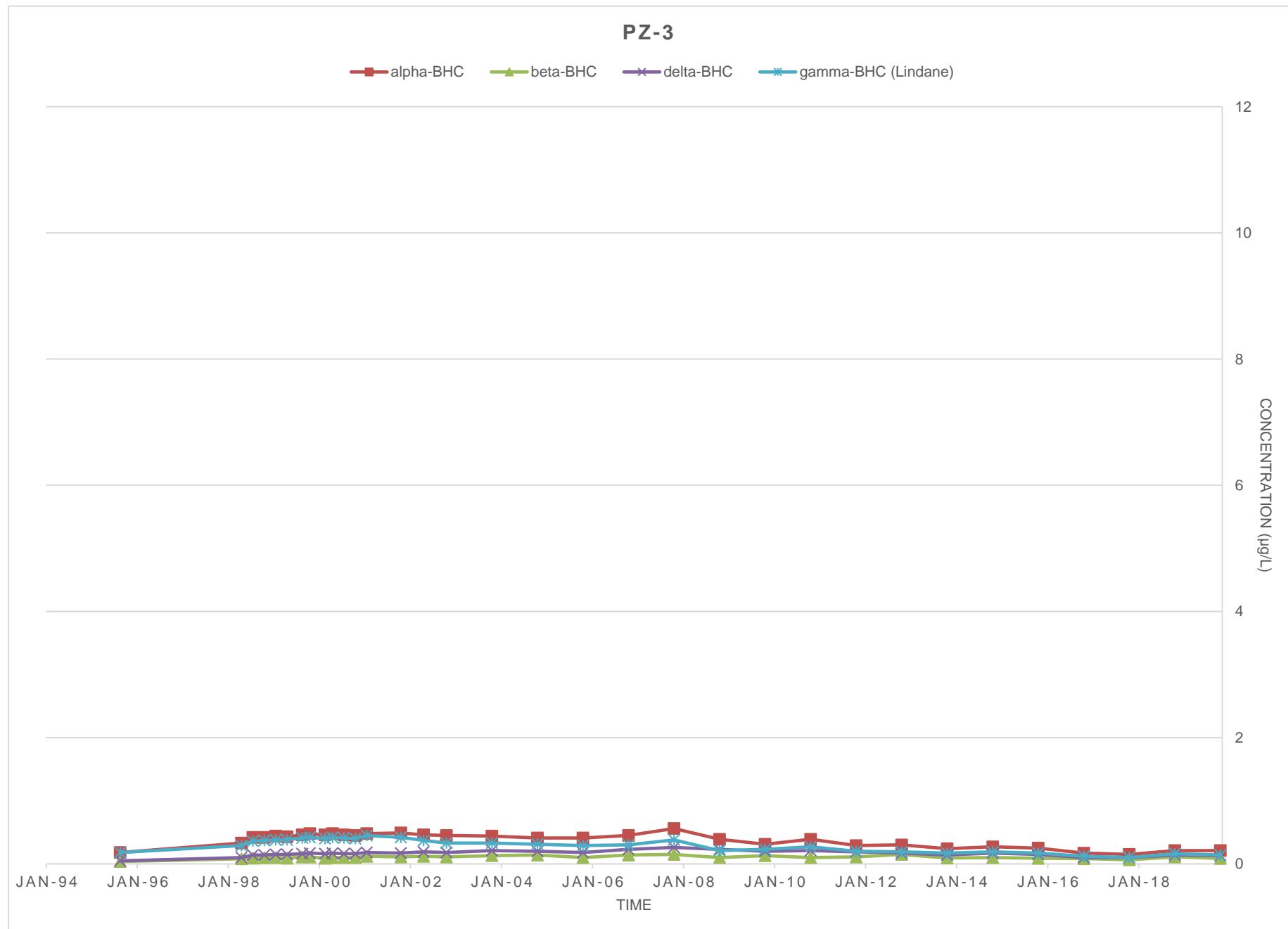


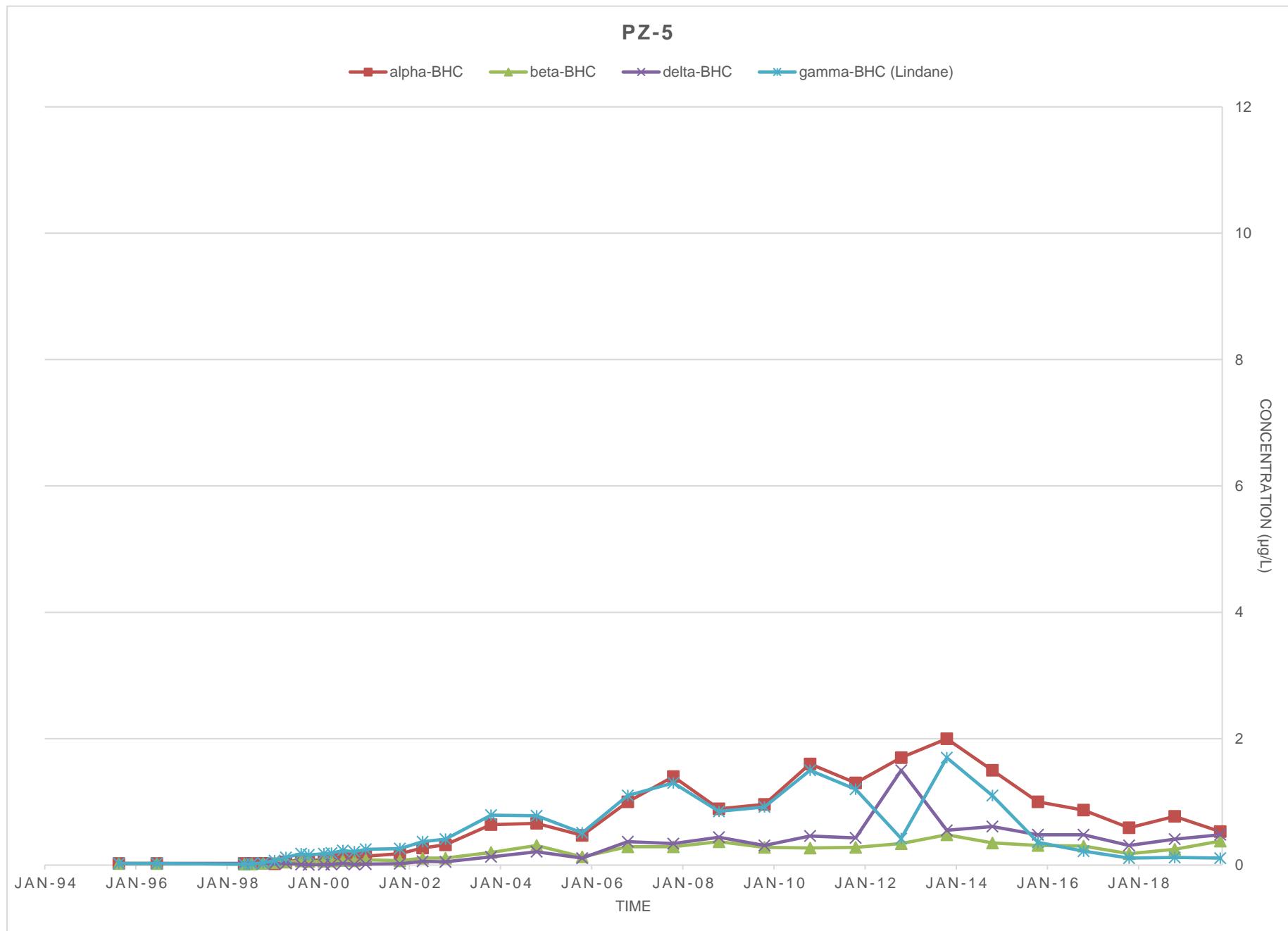












ATTACHMENT E
LABORATORY REPORTS AND CHAIN-OF-CUSTODY

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue
Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-163759-1

Client Project/Site: Geigy Chemical / 11.990010.00

For:

EnviroTrac, Ltd.
7343 W. Friendly Avenue
Suite J
Greensboro, North Carolina 27410

Attn: Chris Hay

Michele R Kersey

Authorized for release by:

2/8/2019 4:27:02 PM

Michele Kersey, Project Manager II

(912)250-0282

michele.kersey@testamericainc.com

LINKS

Review your project
results through

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The
Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Job ID: 680-163759-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: Geigy Chemical / 11.990010.00

Report Number: 680-163759-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 1/28/2019 3:08 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5° C.

Receipt Exceptions

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

Sample Carbon A-1 amber glass 250 containers have VOA vial 40ml HCL preservative labels but are unpreserved and two vials in that sample have amber glass 250 unpreserved labels.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Effluent (680-163759-1), Carbon A-1 (680-163759-2), Carbon B-1 (680-163759-3) and Influent (680-163759-4) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 02/06/2019.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-557417.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBs

Samples Effluent (680-163759-1), Carbon A-1 (680-163759-2), Carbon B-1 (680-163759-3) and Influent (680-163759-4) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 01/29/2019 and analyzed on 02/04/2019, 02/06/2019 and 02/08/2019.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

Samples Influent (680-163759-4)[25X] and Influent (680-163759-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-163759-1	Effluent	Water	01/28/19 09:51	01/28/19 15:08
680-163759-2	Carbon A-1	Water	01/28/19 09:59	01/28/19 15:08
680-163759-3	Carbon B-1	Water	01/28/19 10:06	01/28/19 15:08
680-163759-4	Influent	Water	01/28/19 10:13	01/28/19 15:08

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TestAmerica Savannah

Method Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Client Sample ID: Effluent

Date Collected: 01/28/19 09:51

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			02/06/19 04:10	1
Surrogate									
Toluene-d8 (Surr)	101		80 - 120				Prepared	02/06/19 04:10	1
1,2-Dichloroethane-d4 (Surr)	94		73 - 131					02/06/19 04:10	1
Dibromofluoromethane (Surr)	99		80 - 122					02/06/19 04:10	1
4-Bromofluorobenzene (Surr)	104		80 - 120					02/06/19 04:10	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0071	ug/L		01/29/19 14:06	02/04/19 23:01	1
alpha-BHC	0.048	U	0.048	0.0076	ug/L		01/29/19 14:06	02/04/19 23:01	1
cis-Chlordane	0.048	U	0.048	0.0097	ug/L		01/29/19 14:06	02/04/19 23:01	1
beta-BHC	0.048	U	0.048	0.012	ug/L		01/29/19 14:06	02/04/19 23:01	1
4,4'-DDD	0.048	U	0.048	0.0075	ug/L		01/29/19 14:06	02/04/19 23:01	1
4,4'-DDE	0.048	U	0.048	0.0072	ug/L		01/29/19 14:06	02/04/19 23:01	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		01/29/19 14:06	02/04/19 23:01	1
delta-BHC	0.048	U	0.048	0.013	ug/L		01/29/19 14:06	02/04/19 23:01	1
Dieldrin	0.048	U	0.048	0.0083	ug/L		01/29/19 14:06	02/04/19 23:01	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		01/29/19 14:06	02/04/19 23:01	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		01/29/19 14:06	02/04/19 23:01	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		01/29/19 14:06	02/04/19 23:01	1
Endrin	0.048	U	0.048	0.0085	ug/L		01/29/19 14:06	02/04/19 23:01	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		01/29/19 14:06	02/04/19 23:01	1
Endrin ketone	0.048	U	0.048	0.0086	ug/L		01/29/19 14:06	02/04/19 23:01	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L		01/29/19 14:06	02/04/19 23:01	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L		01/29/19 14:06	02/04/19 23:01	1
Heptachlor	0.048	U	0.048	0.0077	ug/L		01/29/19 14:06	02/04/19 23:01	1
Heptachlor epoxide	0.048	U	0.048	0.0079	ug/L		01/29/19 14:06	02/04/19 23:01	1
Methoxychlor	0.048	U	0.048	0.0090	ug/L		01/29/19 14:06	02/04/19 23:01	1
Toxaphene	4.8	U	4.8	0.18	ug/L		01/29/19 14:06	02/04/19 23:01	1
Surrogate									
DCB Decachlorobiphenyl	83		10 - 130				Prepared	02/04/19 23:01	1
Tetrachloro-m-xylene	70		39 - 130					02/04/19 23:01	1

TestAmerica Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Client Sample ID: Carbon A-1

Date Collected: 01/28/19 09:59

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			02/06/19 04:33	1
Surrogate									
Toluene-d8 (Surr)	101		80 - 120				Prepared	02/06/19 04:33	1
1,2-Dichloroethane-d4 (Surr)	94		73 - 131					02/06/19 04:33	1
Dibromofluoromethane (Surr)	99		80 - 122					02/06/19 04:33	1
4-Bromofluorobenzene (Surr)	102		80 - 120					02/06/19 04:33	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		01/29/19 14:06	02/06/19 17:22	1
alpha-BHC	0.048	U	0.048	0.0075	ug/L		01/29/19 14:06	02/06/19 17:22	1
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		01/29/19 14:06	02/06/19 17:22	1
beta-BHC	0.048	U	0.048	0.012	ug/L		01/29/19 14:06	02/06/19 17:22	1
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		01/29/19 14:06	02/06/19 17:22	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		01/29/19 14:06	02/06/19 17:22	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		01/29/19 14:06	02/06/19 17:22	1
delta-BHC	0.048	U	0.048	0.013	ug/L		01/29/19 14:06	02/06/19 17:22	1
Dieldrin	0.048	U	0.048	0.0083	ug/L		01/29/19 14:06	02/06/19 17:22	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		01/29/19 14:06	02/06/19 17:22	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		01/29/19 14:06	02/06/19 17:22	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		01/29/19 14:06	02/06/19 17:22	1
Endrin	0.048	U	0.048	0.0085	ug/L		01/29/19 14:06	02/06/19 17:22	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		01/29/19 14:06	02/06/19 17:22	1
Endrin ketone	0.048	U	0.048	0.0086	ug/L		01/29/19 14:06	02/06/19 17:22	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L		01/29/19 14:06	02/06/19 17:22	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L		01/29/19 14:06	02/06/19 17:22	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		01/29/19 14:06	02/06/19 17:22	1
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L		01/29/19 14:06	02/06/19 17:22	1
Methoxychlor	0.048	U	0.048	0.0090	ug/L		01/29/19 14:06	02/06/19 17:22	1
Toxaphene	4.8	U	4.8	0.18	ug/L		01/29/19 14:06	02/06/19 17:22	1
Surrogate									
DCB Decachlorobiphenyl	82		10 - 130				Prepared	02/06/19 17:22	1
Tetrachloro-m-xylene	63		39 - 130					02/06/19 17:22	1

TestAmerica Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Client Sample ID: Carbon B-1

Date Collected: 01/28/19 10:06

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			02/06/19 04:56	1
Surrogate									
Toluene-d8 (Surr)	100	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94			80 - 120				02/06/19 04:56	1
Dibromofluoromethane (Surr)	98			73 - 131				02/06/19 04:56	1
4-Bromofluorobenzene (Surr)	102			80 - 122				02/06/19 04:56	1
				80 - 120				02/06/19 04:56	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0071	ug/L			02/06/19 17:36	1
alpha-BHC	0.048	U	0.048	0.0075	ug/L			02/06/19 17:36	1
cis-Chlordane	0.048	U	0.048	0.0097	ug/L			02/06/19 17:36	1
beta-BHC	0.048	U	0.048	0.012	ug/L			02/06/19 17:36	1
4,4'-DDD	0.048	U	0.048	0.0075	ug/L			02/06/19 17:36	1
4,4'-DDE	0.048	U	0.048	0.0072	ug/L			02/06/19 17:36	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L			02/06/19 17:36	1
delta-BHC	0.048	U	0.048	0.013	ug/L			02/06/19 17:36	1
Dieldrin	0.048	U	0.048	0.0083	ug/L			02/06/19 17:36	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L			02/06/19 17:36	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L			02/06/19 17:36	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L			02/06/19 17:36	1
Endrin	0.048	U	0.048	0.0085	ug/L			02/06/19 17:36	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L			02/06/19 17:36	1
Endrin ketone	0.014 J		0.048	0.0086	ug/L			02/06/19 17:36	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L			02/06/19 17:36	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L			02/06/19 17:36	1
Heptachlor	0.048	U	0.048	0.0076	ug/L			02/06/19 17:36	1
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L			02/06/19 17:36	1
Methoxychlor	0.048	U	0.048	0.0090	ug/L			02/06/19 17:36	1
Toxaphene	4.8	U	4.8	0.18	ug/L			02/06/19 17:36	1
Surrogate									
DCB Decachlorobiphenyl	75	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64			10 - 130				02/06/19 17:36	1
				39 - 130				02/06/19 17:36	1

TestAmerica Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Client Sample ID: Influent

Date Collected: 01/28/19 10:13

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			02/06/19 05:19	1
Surrogate									
Toluene-d8 (Surr)	99	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97			80 - 120				02/06/19 05:19	1
Dibromofluoromethane (Surr)	100			73 - 131				02/06/19 05:19	1
4-Bromofluorobenzene (Surr)	103			80 - 122				02/06/19 05:19	1
				80 - 120				02/06/19 05:19	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.047	U	0.047	0.0069	ug/L			01/29/19 14:06	02/06/19 17:51
alpha-BHC									
cis-Chlordane	0.060		0.047	0.0074	ug/L		01/29/19 14:06	02/06/19 17:51	1
beta-BHC	0.11		0.047	0.0094	ug/L		01/29/19 14:06	02/06/19 17:51	1
4,4'-DDD	0.047	U	0.047	0.0073	ug/L		01/29/19 14:06	02/06/19 17:51	1
4,4'-DDE	0.047	U	0.047	0.0070	ug/L		01/29/19 14:06	02/06/19 17:51	1
4,4'-DDT	0.047	U	0.047	0.0080	ug/L		01/29/19 14:06	02/06/19 17:51	1
delta-BHC									
Dieldrin	0.56		0.047	0.012	ug/L		01/29/19 14:06	02/06/19 17:51	1
Endosulfan I	0.93		0.24	0.041	ug/L		01/29/19 14:06	02/06/19 13:05	5
Endosulfan II	0.047	U	0.047	0.0077	ug/L		01/29/19 14:06	02/06/19 17:51	1
Endosulfan sulfate	0.047	U	0.047	0.0080	ug/L		01/29/19 14:06	02/06/19 17:51	1
Endrin	0.047	U	0.047	0.0078	ug/L		01/29/19 14:06	02/06/19 17:51	1
Endrin aldehyde	0.047	U	0.047	0.0083	ug/L		01/29/19 14:06	02/06/19 17:51	1
Endrin ketone									
gamma-BHC (Lindane)	0.81		0.24	0.016	ug/L		01/29/19 14:06	02/06/19 13:05	5
trans-Chlordane	0.047	p	0.047	0.0042	ug/L		01/29/19 14:06	02/06/19 17:51	1
Heptachlor	0.047	U	0.047	0.0080	ug/L		01/29/19 14:06	02/06/19 17:51	1
Heptachlor epoxide	0.061	p	0.047	0.0075	ug/L		01/29/19 14:06	02/06/19 17:51	1
Methoxychlor	0.047	U	0.047	0.0076	ug/L		01/29/19 14:06	02/06/19 17:51	1
Toxaphene	6.1	p	4.7	0.0088	ug/L		01/29/19 14:06	02/06/19 17:51	1
Surrogate									
DCB Decachlorobiphenyl	81	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64			10 - 130				01/29/19 14:06	02/06/19 17:51
				39 - 130				01/29/19 14:06	1

TestAmerica Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-557417/10

Matrix: Water

Analysis Batch: 557417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	1.0	U	1.0	0.48	ug/L			02/05/19 22:46	1
Surrogate									
Toluene-d8 (Surr)	103		80 - 120				Prepared	02/05/19 22:46	1
1,2-Dichloroethane-d4 (Surr)	94		73 - 131					02/05/19 22:46	1
Dibromofluoromethane (Surr)	96		80 - 122					02/05/19 22:46	1
4-Bromofluorobenzene (Surr)	105		80 - 120					02/05/19 22:46	1

Lab Sample ID: LCS 680-557417/6

Matrix: Water

Analysis Batch: 557417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
	%Recovery	Qualifier							
Trichloroethene			50.0	50.6		ug/L		101	80 - 120
Surrogate									
Toluene-d8 (Surr)	102		80 - 120						
1,2-Dichloroethane-d4 (Surr)	96		73 - 131						
Dibromofluoromethane (Surr)	101		80 - 122						
4-Bromofluorobenzene (Surr)	101		80 - 120						

Lab Sample ID: LCSD 680-557417/7

Matrix: Water

Analysis Batch: 557417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.
	%Recovery	Qualifier							
Trichloroethene			50.0	49.9		ug/L		100	80 - 120
Surrogate									
Toluene-d8 (Surr)	100		80 - 120						
1,2-Dichloroethane-d4 (Surr)	99		73 - 131						
Dibromofluoromethane (Surr)	103		80 - 122						
4-Bromofluorobenzene (Surr)	102		80 - 120						

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-556558/15-A

Matrix: Water

Analysis Batch: 557266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 556558

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	0.050	U	0.050	0.0073	ug/L		01/29/19 14:06	02/04/19 19:55	1
alpha-BHC	0.050	U	0.050	0.0078	ug/L		01/29/19 14:06	02/04/19 19:55	1
cis-Chlordane	0.050	U	0.050	0.010	ug/L		01/29/19 14:06	02/04/19 19:55	1
beta-BHC	0.050	U	0.050	0.012	ug/L		01/29/19 14:06	02/04/19 19:55	1
4,4'-DDD	0.050	U	0.050	0.0077	ug/L		01/29/19 14:06	02/04/19 19:55	1

TestAmerica Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

TestAmerica Job ID: 680-163759-1

Project/Site: Geigy Chemical / 11.990010.00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-556558/15-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 557266

Prep Batch: 556558

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac				
	Result	Qualifier											
4,4'-DDE	0.050	U	0.050	0.0074	ug/L		01/29/19 14:06	02/04/19 19:55	1				
4,4'-DDT	0.050	U	0.050	0.0085	ug/L		01/29/19 14:06	02/04/19 19:55	1				
delta-BHC	0.050	U	0.050	0.013	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Dieldrin	0.050	U	0.050	0.0086	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Endosulfan I	0.050	U	0.050	0.0082	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Endosulfan II	0.050	U	0.050	0.0085	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Endosulfan sulfate	0.050	U	0.050	0.0083	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Endrin	0.050	U	0.050	0.0088	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Endrin ketone	0.050	U	0.050	0.0089	ug/L		01/29/19 14:06	02/04/19 19:55	1				
gamma-BHC (Lindane)	0.050	U	0.050	0.0083	ug/L		01/29/19 14:06	02/04/19 19:55	1				
trans-Chlordane	0.050	U	0.050	0.0085	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Heptachlor	0.050	U	0.050	0.0079	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Heptachlor epoxide	0.050	U	0.050	0.0081	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Methoxychlor	0.050	U	0.050	0.0093	ug/L		01/29/19 14:06	02/04/19 19:55	1				
Toxaphene	5.0	U	5.0	0.19	ug/L		01/29/19 14:06	02/04/19 19:55	1				
MB MB		Surrogate		%Recovery		Limits		Prepared		Analyzed		Dil Fac	
DCB Decachlorobiphenyl				101		10 - 130			01/29/19 14:06		02/04/19 19:55		1
Tetrachloro-m-xylene				74		39 - 130			01/29/19 14:06		02/04/19 19:55		1

Lab Sample ID: LCS 680-556558/16-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 557266

Prep Batch: 556558

Analyte	Spike		LCS	LCS	Unit	D	%Rec	Limits	
	Added	Result	Qualifier	Unit					
Aldrin	0.100	0.0849		ug/L		85	48 - 130		
alpha-BHC	0.100	0.0874		ug/L		87	45 - 130		
cis-Chlordane	0.100	0.100		ug/L		100	60 - 130		
beta-BHC	0.100	0.0759	p	ug/L		76	50 - 130		
4,4'-DDD	0.100	0.106		ug/L		106	52 - 130		
4,4'-DDE	0.100	0.0923		ug/L		92	48 - 130		
4,4'-DDT	0.100	0.102		ug/L		102	59 - 130		
delta-BHC	0.100	0.117		ug/L		117	47 - 140		
Dieldrin	0.100	0.104		ug/L		104	55 - 130		
Endosulfan I	0.100	0.0865		ug/L		87	27 - 130		
Endosulfan II	0.100	0.0931		ug/L		93	39 - 130		
Endosulfan sulfate	0.100	0.108		ug/L		108	57 - 130		
Endrin	0.100	0.0970		ug/L		97	62 - 131		
Endrin aldehyde	0.100	0.102		ug/L		102	39 - 177		
Endrin ketone	0.100	0.106		ug/L		106	47 - 130		
gamma-BHC (Lindane)	0.100	0.0876		ug/L		88	47 - 130		
trans-Chlordane	0.100	0.0966		ug/L		97	50 - 145		
Heptachlor	0.100	0.0959		ug/L		96	49 - 130		
Heptachlor epoxide	0.100	0.0954		ug/L		95	54 - 130		
Methoxychlor	0.100	0.0966		ug/L		97	53 - 130		

TestAmerica Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

TestAmerica Job ID: 680-163759-1

Project/Site: Geigy Chemical / 11.990010.00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-556558/16-A

Matrix: Water

Analysis Batch: 557266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 556558

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	75				10 - 130
Tetrachloro-m-xylene	67				39 - 130

Lab Sample ID: LCSD 680-556558/17-A

Matrix: Water

Analysis Batch: 557266

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 556558

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	RPD	Limit
Aldrin	0.100	0.0959		ug/L		96	12	40
alpha-BHC	0.100	0.107		ug/L		107	20	30
cis-Chlordane	0.100	0.0888		ug/L		89	12	50
beta-BHC	0.100	0.0770	p	ug/L		77	1	40
4,4'-DDD	0.100	0.0992		ug/L		99	7	40
4,4'-DDE	0.100	0.0847		ug/L		85	9	30
4,4'-DDT	0.100	0.0962		ug/L		96	5	40
delta-BHC	0.100	0.0963	p	ug/L		96	19	30
Dieldrin	0.100	0.0972		ug/L		97	7	30
Endosulfan I	0.100	0.0813		ug/L		81	6	30
Endosulfan II	0.100	0.0886		ug/L		89	5	30
Endosulfan sulfate	0.100	0.0985		ug/L		98	9	40
Endrin	0.100	0.110		ug/L		110	12	30
Endrin aldehyde	0.100	0.0950		ug/L		95	8	40
Endrin ketone	0.100	0.0962		ug/L		96	9	40
gamma-BHC (Lindane)	0.100	0.111	p	ug/L		111	23	30
trans-Chlordane	0.100	0.0896		ug/L		90	8	50
Heptachlor	0.100	0.0766	p	ug/L		77	22	30
Heptachlor epoxide	0.100	0.0970		ug/L		97	2	40
Methoxychlor	0.100	0.108		ug/L		108	11	40

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	79				10 - 130
Tetrachloro-m-xylene	61				39 - 130

TestAmerica Savannah

QC Association Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

GC/MS VOA

Analysis Batch: 557417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-163759-1	Effluent	Total/NA	Water	8260B	
680-163759-2	Carbon A-1	Total/NA	Water	8260B	
680-163759-3	Carbon B-1	Total/NA	Water	8260B	
680-163759-4	Influent	Total/NA	Water	8260B	
MB 680-557417/10	Method Blank	Total/NA	Water	8260B	
LCS 680-557417/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-557417/7	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 556558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-163759-1	Effluent	Total/NA	Water	3520C	
680-163759-2	Carbon A-1	Total/NA	Water	3520C	
680-163759-3	Carbon B-1	Total/NA	Water	3520C	
680-163759-4	Influent	Total/NA	Water	3520C	
MB 680-556558/15-A	Method Blank	Total/NA	Water	3520C	
LCS 680-556558/16-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-556558/17-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 557266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-163759-1	Effluent	Total/NA	Water	8081B/8082A	556558
MB 680-556558/15-A	Method Blank	Total/NA	Water	8081B/8082A	556558
LCS 680-556558/16-A	Lab Control Sample	Total/NA	Water	8081B/8082A	556558
LCSD 680-556558/17-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	556558

Analysis Batch: 557517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-163759-2	Carbon A-1	Total/NA	Water	8081B/8082A	556558
680-163759-3	Carbon B-1	Total/NA	Water	8081B/8082A	556558
680-163759-4	Influent	Total/NA	Water	8081B/8082A	556558

Analysis Batch: 557760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-163759-4	Influent	Total/NA	Water	8081B/8082A	556558
680-163759-4	Influent	Total/NA	Water	8081B/8082A	556558

Lab Chronicle

Client: EnviroTrac, Ltd.
 Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Client Sample ID: Effluent

Date Collected: 01/28/19 09:51

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	557417	02/06/19 04:10	Y1S	TAL SAV
Total/NA	Prep	3520C			556558	01/29/19 14:06	CMJ	TAL SAV
Total/NA	Analysis	8081B/8082A		1	557266	02/04/19 23:01	JCK	TAL SAV

Client Sample ID: Carbon A-1

Date Collected: 01/28/19 09:59

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	557417	02/06/19 04:33	Y1S	TAL SAV
Total/NA	Prep	3520C			556558	01/29/19 14:06	CMJ	TAL SAV
Total/NA	Analysis	8081B/8082A		1	557517	02/06/19 17:22	JCK	TAL SAV

Client Sample ID: Carbon B-1

Date Collected: 01/28/19 10:06

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	557417	02/06/19 04:56	Y1S	TAL SAV
Total/NA	Prep	3520C			556558	01/29/19 14:06	CMJ	TAL SAV
Total/NA	Analysis	8081B/8082A		1	557517	02/06/19 17:36	JCK	TAL SAV

Client Sample ID: Influent

Date Collected: 01/28/19 10:13

Date Received: 01/28/19 15:08

Lab Sample ID: 680-163759-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	557417	02/06/19 05:19	Y1S	TAL SAV
Total/NA	Prep	3520C			556558	01/29/19 14:06	CMJ	TAL SAV
Total/NA	Analysis	8081B/8082A		1	557517	02/06/19 17:51	JCK	TAL SAV
Total/NA	Prep	3520C			556558	01/29/19 14:06	CMJ	TAL SAV
Total/NA	Analysis	8081B/8082A		5	557760	02/08/19 13:05	GEM	TAL SAV
Total/NA	Prep	3520C			556558	01/29/19 14:06	CMJ	TAL SAV
Total/NA	Analysis	8081B/8082A		25	557760	02/08/19 13:19	GEM	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical / 11.990010.00

TestAmerica Job ID: 680-163759-1

Laboratory: TestAmerica Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
	AFCEE		SAVLAB	
Alabama	State Program	4	41450	06-30-19
Alaska	State Program	10		06-30-19
Alaska (UST)	State Program	10	UST-104	09-22-19
ANAB	DoD ELAP		L2463	09-22-19
ANAB	ISO/IEC 17025		L2463.01	09-22-19
Arizona	State Program	9	AZ0808	12-14-19
Arkansas DEQ	State Program	6	88-0692	02-01-20
California	State Program	9	2939	06-30-19
Colorado	State Program	8	N/A	12-31-19
Connecticut	State Program	1	PH-0161	03-31-19
Florida	NELAP	4	E87052	06-30-19
GA Dept. of Agriculture	State Program	4	N/A	06-12-19
Georgia	State Program	4	N/A	06-30-19
Georgia	State Program	4	803	06-30-19
Guam	State Program	9	15-005r	04-17-19
Hawaii	State Program	9	N/A	06-30-19
Illinois	NELAP	5	200022	11-30-19
Indiana	State Program	5	N/A	06-30-19
Iowa	State Program	7	353	06-30-19
Kentucky (DW)	State Program	4	90084	12-31-18 *
Kentucky (UST)	State Program	4	18	06-30-19
Kentucky (WW)	State Program	4	90084	12-31-18 *
Louisiana	NELAP	6	30690	06-30-19
Louisiana (DW)	NELAP	6	LA160019	12-31-19
Maine	State Program	1	GA00006	09-25-20
Maryland	State Program	3	250	12-31-19
Massachusetts	State Program	1	M-GA006	06-30-19
Michigan	State Program	5	9925	03-05-19
Mississippi	State Program	4	N/A	06-30-19
Nebraska	State Program	7	TestAmerica-Savannah	06-30-19
New Jersey	NELAP	2	GA769	06-30-19
New Mexico	State Program	6	N/A	06-30-19
New York	NELAP	2	10842	04-01-19
North Carolina (DW)	State Program	4	13701	07-31-19
North Carolina (WW/SW)	State Program	4	269	12-31-19
Oklahoma	State Program	6	9984	08-31-19
Pennsylvania	NELAP	3	68-00474	06-30-19
Puerto Rico	State Program	2	GA00006	01-01-20
South Carolina	State Program	4	98001	06-30-18 *
Tennessee	State Program	4	TN02961	06-30-19
Texas	NELAP	6	T104704185-16-9	11-30-19
Texas (DW)	State Program	1	T104704185	06-30-19
US Fish & Wildlife	Federal		LE058448-0	07-31-19
Virginia	NELAP	3	460161	06-14-19
Washington	State Program	10	C805	06-10-19
West Virginia (DW)	State Program	3	9950C	12-31-18 *
West Virginia DEP	State Program	3	094	06-30-19
Wisconsin	State Program	5	999819810	08-31-19
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Savannah

TestAmerica Savannah

Chain of Custody Record

287046

TestAmerica

Savannah, GA 31404

Phone: 912.354.7858 Fax:

5102 LaRoche Avenue

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Cris Hoy

Tel/Fax: 706-542-1710

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT if different from Below _____

2 weeks

1 week

2 days

1 day

Company Name: Enviro Trace Cof	Client Contact	Project Manager: <u>Cris Hoy</u>	Site Contact: <u>Michelle Lewis</u>	Date: <u>1/28/19</u>
Address: 7343 W. Friendly Ave	Tel/Fax:	Carrier: Hand Delivery	COC No: <u>/</u>	COCs of <u>/</u> COCs
City/State/Zip: Greensboro NC 27410	Lab Contact: <u>Michelle Lewis</u>	Sampler: <u></u>	For Lab Use Only: <input type="checkbox"/>	
Phone: (336) 763-4625		Walk-in Client: <input type="checkbox"/>	Lab Sampling: <input type="checkbox"/>	
Fax: <input type="checkbox"/>		Job / SDG No.: <input type="checkbox"/>		
Project Name: Georgia Site				
Site: 11.998010.00				
P O #				

Sample Identification

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.
1/28/19 4:51	G	water	N	XX
9:59			XX	XX
10:04			XX	XX
10:13			XX	XX



680-163759 Chain of Custody

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Special Instructions/QC Requirements & Comments:

Relinquished by: <u>J. M. Hoy</u>	Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Cooler Temp. (°C): Obs'd: <input type="checkbox"/>	Received by: <input type="checkbox"/>	Corrid: <input type="checkbox"/>	Therm ID No.: <input type="checkbox"/>
Comments: <u></u>	Date/Time: <input type="checkbox"/>	Comments: <u></u>	Date/Time: <input type="checkbox"/>	Comments: <u></u>	Date/Time: <input type="checkbox"/>
Comments: <u></u>	Received by: <input type="checkbox"/>	Comments: <u></u>	Received by: <input type="checkbox"/>	Comments: <u></u>	Date/Time: <input type="checkbox"/>

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Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 680-163759-1

Login Number: 163759

List Source: TestAmerica Savannah

List Number: 1

Creator: Laughlin, Paul D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing
TestAmerica

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ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-168398-1
Client Project/Site: Geigy Site / 11.990010.00

For:
EnviroTrac, Ltd.
7343 W. Friendly Avenue
Suite J
Greensboro, North Carolina 27410

Attn: Chris Hay

Willie Hallmon

Authorized for release by:
6/10/2019 4:57:52 PM
Willie Hallmon, Project Manager I
(813)885-7427
willie.hallmon@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Job ID: 680-168398-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: Geigy Site / 11.990010.00

Report Number: 680-168398-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 05/01/2019; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.1 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Effluent (680-168398-1), Carbon A-2 (680-168398-2), Carbon B-2 (680-168398-3) and Influent (680-168398-4) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/14/2019 and 05/26/2019.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBS

Samples Effluent (680-168398-1), Carbon A-2 (680-168398-2), Carbon B-2 (680-168398-3) and Influent (680-168398-4) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 05/06/2019 and 05/30/2019 and analyzed on 05/15/2019, 05/16/2019, 06/04/2019 and 06/07/2019.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

The laboratory control sample (LCS) for preparation batch 680-572330 and analytical batch 680-572946 recovered outside control limits for the following analytes: trans-Chlordane, Aldrin, delta-BHC, Endosulfan I and Endrin ketone.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 680-569201 and analytical batch 680-570512 recovered outside control limits for several analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time. Both sets of data have been reported.

Refer to the QC report for details.

Samples Carbon B-2 (680-168398-3)[10X], Carbon B-2 (680-168398-3)[5X], Influent (680-168398-4)[10X] and Influent (680-168398-4) [25X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID	
680-168398-1	Effluent	Water	04/30/19 11:05	05/01/19 09:40		1
680-168398-2	Carbon A-2	Water	04/30/19 11:14	05/01/19 09:40		2
680-168398-3	Carbon B-2	Water	04/30/19 11:21	05/01/19 09:40		3
680-168398-4	Influent	Water	04/30/19 11:27	05/01/19 09:40		4

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Method Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: EnviroTrac, Ltd.

Job ID: 680-168398-1

Project/Site: Geigy Site / 11.990010.00

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Effluent

Date Collected: 04/30/19 11:05

Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/14/19 21:00	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
97			80 - 120					05/14/19 21:00	1
1,2-Dichloroethane-d4 (Surr)	99		73 - 131					05/14/19 21:00	1
Dibromofluoromethane (Surr)	97		80 - 122					05/14/19 21:00	1
4-Bromofluorobenzene (Surr)	107		80 - 120					05/14/19 21:00	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U *	0.049	0.0072	ug/L			05/06/19 19:45	05/15/19 23:13
alpha-BHC	0.049	U *	0.049	0.0077	ug/L			05/06/19 19:45	05/15/19 23:13
cis-Chlordane	0.049	U *	0.049	0.0099	ug/L			05/06/19 19:45	05/15/19 23:13
beta-BHC	0.049	U *	0.049	0.012	ug/L			05/06/19 19:45	05/15/19 23:13
4,4'-DDD	0.049	U *	0.049	0.0076	ug/L			05/06/19 19:45	05/15/19 23:13
4,4'-DDE	0.049	U *	0.049	0.0073	ug/L			05/06/19 19:45	05/15/19 23:13
4,4'-DDT	0.049	U *	0.049	0.0084	ug/L			05/06/19 19:45	05/15/19 23:13
delta-BHC	0.049	U *	0.049	0.013	ug/L			05/06/19 19:45	05/15/19 23:13
Dieldrin	0.049	U *	0.049	0.0085	ug/L			05/06/19 19:45	05/15/19 23:13
Endosulfan I	0.049	U *	0.049	0.0081	ug/L			05/06/19 19:45	05/15/19 23:13
Endosulfan II	0.049	U *	0.049	0.0084	ug/L			05/06/19 19:45	05/15/19 23:13
Endosulfan sulfate	0.049	U *	0.049	0.0082	ug/L			05/06/19 19:45	05/15/19 23:13
Endrin	0.049	U *	0.049	0.0087	ug/L			05/06/19 19:45	05/15/19 23:13
Endrin aldehyde	0.049	U *	0.049	0.017	ug/L			05/06/19 19:45	05/15/19 23:13
Endrin ketone	0.0091	J *	0.049	0.0088	ug/L			05/06/19 19:45	05/15/19 23:13
gamma-BHC (Lindane)	0.049	U *	0.049	0.0082	ug/L			05/06/19 19:45	05/15/19 23:13
trans-Chlordane	0.049	U *	0.049	0.0084	ug/L			05/06/19 19:45	05/15/19 23:13
Heptachlor	0.049	U *	0.049	0.0078	ug/L			05/06/19 19:45	05/15/19 23:13
Heptachlor epoxide	0.049	U *	0.049	0.0080	ug/L			05/06/19 19:45	05/15/19 23:13
Methoxychlor	0.049	U *	0.049	0.0092	ug/L			05/06/19 19:45	05/15/19 23:13
Toxaphene	4.9	U	4.9	0.19	ug/L			05/06/19 19:45	05/15/19 23:13
Surrogate									
DCB Decachlorobiphenyl	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
	103		10 - 130					05/06/19 19:45	05/15/19 23:13
Tetrachloro-m-xylene	36	X	39 - 130					05/06/19 19:45	05/15/19 23:13

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.052	U H *	0.052	0.0076	ug/L			05/30/19 15:48	06/04/19 18:14
alpha-BHC	0.052	U H	0.052	0.0081	ug/L			05/30/19 15:48	06/04/19 18:14
cis-Chlordane	0.052	U H *	0.052	0.010	ug/L			05/30/19 15:48	06/04/19 18:14
beta-BHC	0.052	U H	0.052	0.012	ug/L			05/30/19 15:48	06/04/19 18:14
4,4'-DDD	0.052	U H	0.052	0.0080	ug/L			05/30/19 15:48	06/04/19 18:14
4,4'-DDE	0.052	U H	0.052	0.0077	ug/L			05/30/19 15:48	06/04/19 18:14
4,4'-DDT	0.052	U H	0.052	0.0088	ug/L			05/30/19 15:48	06/04/19 18:14
delta-BHC	0.052	U H *	0.052	0.013	ug/L			05/30/19 15:48	06/04/19 18:14
Dieldrin	0.052	U H	0.052	0.0089	ug/L			05/30/19 15:48	06/04/19 18:14
Endosulfan I	0.052	U H *	0.052	0.0085	ug/L			05/30/19 15:48	06/04/19 18:14
Endosulfan II	0.052	U H	0.052	0.0088	ug/L			05/30/19 15:48	06/04/19 18:14
Endosulfan sulfate	0.052	U H	0.052	0.0086	ug/L			05/30/19 15:48	06/04/19 18:14

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Effluent

Date Collected: 04/30/19 11:05

Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-1

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.052	U H	0.052	0.0091	ug/L		05/30/19 15:48	06/04/19 18:14	1
Endrin aldehyde	0.052	U H	0.052	0.018	ug/L		05/30/19 15:48	06/04/19 18:14	1
Endrin ketone	0.052	U H *	0.052	0.0092	ug/L		05/30/19 15:48	06/04/19 18:14	1
gamma-BHC (Lindane)	0.052	U H	0.052	0.0086	ug/L		05/30/19 15:48	06/04/19 18:14	1
trans-Chlordane	0.052	U H *	0.052	0.0088	ug/L		05/30/19 15:48	06/04/19 18:14	1
Heptachlor	0.052	U H *	0.052	0.0082	ug/L		05/30/19 15:48	06/04/19 18:14	1
Heptachlor epoxide	0.052	U H	0.052	0.0084	ug/L		05/30/19 15:48	06/04/19 18:14	1
Methoxychlor	0.052	U H	0.052	0.0096	ug/L		05/30/19 15:48	06/04/19 18:14	1
Toxaphene	5.2	U H	5.2	0.20	ug/L		05/30/19 15:48	06/04/19 18:14	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96			10 - 130			05/30/19 15:48	06/04/19 18:14	1
Tetrachloro-m-xylene	47			39 - 130			05/30/19 15:48	06/04/19 18:14	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Carbon A-2

Date Collected: 04/30/19 11:14

Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/14/19 21:21	1
Surrogate									
Toluene-d8 (Surr)	97	%Recovery	Qualifer	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			80 - 120				05/14/19 21:21	1
Dibromofluoromethane (Surr)	98			73 - 131				05/14/19 21:21	1
4-Bromofluorobenzene (Surr)	109			80 - 122				05/14/19 21:21	1
				80 - 120				05/14/19 21:21	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U *	0.048	0.0070	ug/L			05/06/19 19:45	05/15/19 23:28
alpha-BHC	0.048	U *	0.048	0.0075	ug/L			05/06/19 19:45	05/15/19 23:28
cis-Chlordane	0.048	U *	0.048	0.0096	ug/L			05/06/19 19:45	05/15/19 23:28
beta-BHC	0.048	U *	0.048	0.011	ug/L			05/06/19 19:45	05/15/19 23:28
4,4'-DDD	0.048	U *	0.048	0.0074	ug/L			05/06/19 19:45	05/15/19 23:28
4,4'-DDE	0.048	U *	0.048	0.0071	ug/L			05/06/19 19:45	05/15/19 23:28
4,4'-DDT	0.048	U *	0.048	0.0081	ug/L			05/06/19 19:45	05/15/19 23:28
delta-BHC	0.048	U *	0.048	0.012	ug/L			05/06/19 19:45	05/15/19 23:28
Dieldrin	0.026	J *	0.048	0.0082	ug/L			05/06/19 19:45	05/15/19 23:28
Endosulfan I	0.048	U *	0.048	0.0078	ug/L			05/06/19 19:45	05/15/19 23:28
Endosulfan II	0.048	U *	0.048	0.0081	ug/L			05/06/19 19:45	05/15/19 23:28
Endosulfan sulfate	0.048	U *	0.048	0.0079	ug/L			05/06/19 19:45	05/15/19 23:28
Endrin	0.048	U *	0.048	0.0084	ug/L			05/06/19 19:45	05/15/19 23:28
Endrin aldehyde	0.048	U *	0.048	0.016	ug/L			05/06/19 19:45	05/15/19 23:28
Endrin ketone	0.038	J *	0.048	0.0085	ug/L			05/06/19 19:45	05/15/19 23:28
gamma-BHC (Lindane)	0.048	U *	0.048	0.0079	ug/L			05/06/19 19:45	05/15/19 23:28
trans-Chlordane	0.048	U *	0.048	0.0081	ug/L			05/06/19 19:45	05/15/19 23:28
Heptachlor	0.048	U *	0.048	0.0076	ug/L			05/06/19 19:45	05/15/19 23:28
Heptachlor epoxide	0.048	U *	0.048	0.0078	ug/L			05/06/19 19:45	05/15/19 23:28
Methoxychlor	0.048	U *	0.048	0.0089	ug/L			05/06/19 19:45	05/15/19 23:28
Toxaphene	4.8	U	4.8	0.18	ug/L			05/06/19 19:45	05/15/19 23:28
Surrogate									
DCB Decachlorobiphenyl	102	%Recovery	Qualifer	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	33	X		10 - 130				05/06/19 19:45	05/15/19 23:28
				39 - 130				05/06/19 19:45	05/15/19 23:28

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.052	U H *	0.052	0.0075	ug/L			05/30/19 15:48	06/04/19 18:29
alpha-BHC	0.052	U H	0.052	0.0080	ug/L			05/30/19 15:48	06/04/19 18:29
cis-Chlordane	0.052	U H *	0.052	0.010	ug/L			05/30/19 15:48	06/04/19 18:29
beta-BHC	0.052	U H	0.052	0.012	ug/L			05/30/19 15:48	06/04/19 18:29
4,4'-DDD	0.052	U H	0.052	0.0079	ug/L			05/30/19 15:48	06/04/19 18:29
4,4'-DDE	0.052	U H	0.052	0.0076	ug/L			05/30/19 15:48	06/04/19 18:29
4,4'-DDT	0.052	U H	0.052	0.0088	ug/L			05/30/19 15:48	06/04/19 18:29
delta-BHC	0.052	U H *	0.052	0.013	ug/L			05/30/19 15:48	06/04/19 18:29
Dieldrin	0.026	J H	0.052	0.0089	ug/L			05/30/19 15:48	06/04/19 18:29
Endosulfan I	0.052	U H *	0.052	0.0085	ug/L			05/30/19 15:48	06/04/19 18:29
Endosulfan II	0.052	U H	0.052	0.0088	ug/L			05/30/19 15:48	06/04/19 18:29
Endosulfan sulfate	0.052	U H	0.052	0.0086	ug/L			05/30/19 15:48	06/04/19 18:29

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Carbon A-2

Lab Sample ID: 680-168398-2

Matrix: Water

Date Collected: 04/30/19 11:14

Date Received: 05/01/19 09:40

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.052	U H	0.052	0.0091	ug/L		05/30/19 15:48	06/04/19 18:29	1
Endrin aldehyde	0.052	U H	0.052	0.018	ug/L		05/30/19 15:48	06/04/19 18:29	1
Endrin ketone	0.029	J H *	0.052	0.0092	ug/L		05/30/19 15:48	06/04/19 18:29	1
gamma-BHC (Lindane)	0.052	U H	0.052	0.0086	ug/L		05/30/19 15:48	06/04/19 18:29	1
trans-Chlordane	0.052	U H *	0.052	0.0088	ug/L		05/30/19 15:48	06/04/19 18:29	1
Heptachlor	0.052	U H *	0.052	0.0081	ug/L		05/30/19 15:48	06/04/19 18:29	1
Heptachlor epoxide	0.052	U H	0.052	0.0084	ug/L		05/30/19 15:48	06/04/19 18:29	1
Methoxychlor	0.052	U H	0.052	0.0096	ug/L		05/30/19 15:48	06/04/19 18:29	1
Toxaphene	5.2	U H	5.2	0.20	ug/L		05/30/19 15:48	06/04/19 18:29	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl</i>	94			10 - 130			05/30/19 15:48	06/04/19 18:29	1
<i>Tetrachloro-m-xylene</i>	43			39 - 130			05/30/19 15:48	06/04/19 18:29	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Carbon B-2

Date Collected: 04/30/19 11:21

Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/14/19 21:42	1
Surrogate									
Toluene-d8 (Surr)	97	%Recovery	Qualifer	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101			80 - 120				05/14/19 21:42	1
Dibromofluoromethane (Surr)	97			73 - 131				05/14/19 21:42	1
4-Bromofluorobenzene (Surr)	109			80 - 122				05/14/19 21:42	1
				80 - 120				05/14/19 21:42	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U *	0.048	0.0070	ug/L			05/06/19 19:45	05/15/19 23:42
alpha-BHC	0.028	J *	0.048	0.0075	ug/L			05/06/19 19:45	05/15/19 23:42
cis-Chlordane	0.048	U *	0.048	0.0096	ug/L			05/06/19 19:45	05/15/19 23:42
beta-BHC	2.8 *		0.48	0.12	ug/L			05/06/19 19:45	05/16/19 19:53
4,4'-DDD	0.048	U *	0.048	0.0074	ug/L			05/06/19 19:45	05/15/19 23:42
4,4'-DDE	0.048	U *	0.048	0.0071	ug/L			05/06/19 19:45	05/15/19 23:42
4,4'-DDT	0.048	U *	0.048	0.0082	ug/L			05/06/19 19:45	05/15/19 23:42
delta-BHC	0.25 *		0.048	0.013	ug/L			05/06/19 19:45	05/15/19 23:42
Dieldrin	0.25 *		0.048	0.0083	ug/L			05/06/19 19:45	05/15/19 23:42
Endosulfan I	0.048	U *	0.048	0.0079	ug/L			05/06/19 19:45	05/15/19 23:42
Endosulfan II	0.048	U *	0.048	0.0082	ug/L			05/06/19 19:45	05/15/19 23:42
Endosulfan sulfate	0.048	U *	0.048	0.0080	ug/L			05/06/19 19:45	05/15/19 23:42
Endrin	0.048	U *	0.048	0.0085	ug/L			05/06/19 19:45	05/15/19 23:42
Endrin aldehyde	0.048	U *	0.048	0.016	ug/L			05/06/19 19:45	05/15/19 23:42
Endrin ketone	0.36 *		0.048	0.0086	ug/L			05/06/19 19:45	05/15/19 23:42
gamma-BHC (Lindane)	0.048	U *	0.048	0.0080	ug/L			05/06/19 19:45	05/15/19 23:42
trans-Chlordane	0.048	U *	0.048	0.0082	ug/L			05/06/19 19:45	05/15/19 23:42
Heptachlor	0.048	U *	0.048	0.0076	ug/L			05/06/19 19:45	05/15/19 23:42
Heptachlor epoxide	0.048	U *	0.048	0.0078	ug/L			05/06/19 19:45	05/15/19 23:42
Methoxychlor	0.048	U *	0.048	0.0090	ug/L			05/06/19 19:45	05/15/19 23:42
Toxaphene	1.7 J p		4.8	0.18	ug/L			05/06/19 19:45	05/15/19 23:42
Surrogate									
DCB Decachlorobiphenyl	62	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	18	p X		39 - 130				05/06/19 19:45	05/15/19 23:42
								05/06/19 19:45	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.051	U H *	0.051	0.0074	ug/L			05/30/19 15:48	06/04/19 18:43
alpha-BHC	0.022	J H	0.051	0.0079	ug/L			05/30/19 15:48	06/04/19 18:43
cis-Chlordane	0.051	U H *	0.051	0.010	ug/L			05/30/19 15:48	06/04/19 18:43
beta-BHC	2.7 H		0.25	0.061	ug/L			05/30/19 15:48	06/07/19 17:38
4,4'-DDD	0.051	U H	0.051	0.0078	ug/L			05/30/19 15:48	06/04/19 18:43
4,4'-DDE	0.051	U H	0.051	0.0075	ug/L			05/30/19 15:48	06/04/19 18:43
4,4'-DDT	0.051	U H	0.051	0.0086	ug/L			05/30/19 15:48	06/04/19 18:43
delta-BHC	0.14 H *		0.051	0.013	ug/L			05/30/19 15:48	06/04/19 18:43
Dieldrin	0.17 H		0.051	0.0087	ug/L			05/30/19 15:48	06/04/19 18:43
Endosulfan I	0.051	U H *	0.051	0.0083	ug/L			05/30/19 15:48	06/04/19 18:43
Endosulfan II	0.051	U H	0.051	0.0086	ug/L			05/30/19 15:48	06/04/19 18:43
Endosulfan sulfate	0.051	U H	0.051	0.0084	ug/L			05/30/19 15:48	06/04/19 18:43

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Carbon B-2

Lab Sample ID: 680-168398-3

Matrix: Water

Date Collected: 04/30/19 11:21

Date Received: 05/01/19 09:40

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.051	U H	0.051	0.0089	ug/L		05/30/19 15:48	06/04/19 18:43	1
Endrin aldehyde	0.051	U H	0.051	0.017	ug/L		05/30/19 15:48	06/04/19 18:43	1
Endrin ketone	0.23	H *	0.051	0.0090	ug/L		05/30/19 15:48	06/04/19 18:43	1
gamma-BHC (Lindane)	0.019	J H	0.051	0.0084	ug/L		05/30/19 15:48	06/04/19 18:43	1
trans-Chlordane	0.051	U H *	0.051	0.0086	ug/L		05/30/19 15:48	06/04/19 18:43	1
Heptachlor	0.051	U H *	0.051	0.0080	ug/L		05/30/19 15:48	06/04/19 18:43	1
Heptachlor epoxide	0.051	U H	0.051	0.0082	ug/L		05/30/19 15:48	06/04/19 18:43	1
Methoxychlor	0.051	U H	0.051	0.0094	ug/L		05/30/19 15:48	06/04/19 18:43	1
Toxaphene	1.8	J H	5.1	0.19	ug/L		05/30/19 15:48	06/04/19 18:43	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl</i>	83			10 - 130			05/30/19 15:48	06/04/19 18:43	1
<i>Tetrachloro-m-xylene</i>	40			39 - 130			05/30/19 15:48	06/04/19 18:43	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Influent

Date Collected: 04/30/19 11:27

Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/14/19 22:03	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
97			80 - 120					05/14/19 22:03	1
1,2-Dichloroethane-d4 (Surr)	100		73 - 131					05/14/19 22:03	1
Dibromofluoromethane (Surr)	97		80 - 122					05/14/19 22:03	1
4-Bromofluorobenzene (Surr)	110		80 - 120					05/14/19 22:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U H	1.0	0.48	ug/L			05/26/19 15:24	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
104			80 - 120					05/26/19 15:24	1
1,2-Dichloroethane-d4 (Surr)	100		73 - 131					05/26/19 15:24	1
Dibromofluoromethane (Surr)	105		80 - 122					05/26/19 15:24	1
4-Bromofluorobenzene (Surr)	100		80 - 120					05/26/19 15:24	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.039	J p *	0.048	0.0070	ug/L			05/06/19 19:45	05/15/19 23:56
alpha-BHC	0.092	*	0.048	0.0075	ug/L			05/06/19 19:45	05/15/19 23:56
cis-Chlordane	0.048	U *	0.048	0.0096	ug/L			05/06/19 19:45	05/15/19 23:56
beta-BHC	6.5	*	1.2	0.29	ug/L			05/06/19 19:45	05/16/19 00:11
4,4'-DDD	0.048	U *	0.048	0.0074	ug/L			05/06/19 19:45	05/15/19 23:56
4,4'-DDE	0.048	U *	0.048	0.0071	ug/L			05/06/19 19:45	05/15/19 23:56
4,4'-DDT	0.048	U *	0.048	0.0081	ug/L			05/06/19 19:45	05/15/19 23:56
delta-BHC	0.60	*	0.048	0.012	ug/L			05/06/19 19:45	05/15/19 23:56
Dieldrin	0.99	J *	1.2	0.21	ug/L			05/06/19 19:45	05/16/19 00:11
Endosulfan I	0.048	U *	0.048	0.0079	ug/L			05/06/19 19:45	05/15/19 23:56
Endosulfan II	0.048	U *	0.048	0.0081	ug/L			05/06/19 19:45	05/15/19 23:56
Endosulfan sulfate	0.048	U *	0.048	0.0080	ug/L			05/06/19 19:45	05/15/19 23:56
Endrin	0.048	U *	0.048	0.0084	ug/L			05/06/19 19:45	05/15/19 23:56
Endrin aldehyde	0.048	U *	0.048	0.016	ug/L			05/06/19 19:45	05/15/19 23:56
Endrin ketone	0.67	p *	0.048	0.0085	ug/L			05/06/19 19:45	05/15/19 23:56
gamma-BHC (Lindane)	0.15	*	0.048	0.0080	ug/L			05/06/19 19:45	05/15/19 23:56
trans-Chlordane	0.048	U *	0.048	0.0081	ug/L			05/06/19 19:45	05/15/19 23:56
Heptachlor	0.048	U *	0.048	0.0076	ug/L			05/06/19 19:45	05/15/19 23:56
Heptachlor epoxide	0.18	*	0.048	0.0078	ug/L			05/06/19 19:45	05/15/19 23:56
Methoxychlor	0.048	U *	0.048	0.0089	ug/L			05/06/19 19:45	05/15/19 23:56
Toxaphene	5.5	p	4.8	0.18	ug/L			05/06/19 19:45	05/15/19 23:56
Surrogate									
DCB Decachlorobiphenyl	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
97			10 - 130					05/06/19 19:45	05/15/19 23:56
Tetrachloro-m-xylene	26	X	39 - 130					05/06/19 19:45	05/15/19 23:56

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.027	J H *	0.051	0.0074	ug/L			05/30/19 15:48	06/04/19 18:57
alpha-BHC	0.039	J H	0.051	0.0079	ug/L			05/30/19 15:48	06/04/19 18:57
cis-Chlordane	0.051	U H *	0.051	0.010	ug/L			05/30/19 15:48	06/04/19 18:57

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Influent

Date Collected: 04/30/19 11:27
Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-4

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	4.8	H	0.51	0.12	ug/L	05/30/19 15:48	06/07/19 17:52		10
4,4'-DDD	0.051	U H	0.051	0.0078	ug/L	05/30/19 15:48	06/04/19 18:57		1
4,4'-DDE	0.051	U H	0.051	0.0075	ug/L	05/30/19 15:48	06/04/19 18:57		1
4,4'-DDT	0.051	U H	0.051	0.0086	ug/L	05/30/19 15:48	06/04/19 18:57		1
delta-BHC	0.35	H *	0.051	0.013	ug/L	05/30/19 15:48	06/04/19 18:57		1
Dieldrin	0.45	H	0.051	0.0088	ug/L	05/30/19 15:48	06/04/19 18:57		1
Endosulfan I	0.051	U H *	0.051	0.0083	ug/L	05/30/19 15:48	06/04/19 18:57		1
Endosulfan II	0.051	U H	0.051	0.0086	ug/L	05/30/19 15:48	06/04/19 18:57		1
Endosulfan sulfate	0.051	U H	0.051	0.0084	ug/L	05/30/19 15:48	06/04/19 18:57		1
Endrin	0.051	U H	0.051	0.0090	ug/L	05/30/19 15:48	06/04/19 18:57		1
Endrin aldehyde	0.051	U H	0.051	0.017	ug/L	05/30/19 15:48	06/04/19 18:57		1
Endrin ketone	0.47	H *	0.051	0.0091	ug/L	05/30/19 15:48	06/04/19 18:57		1
gamma-BHC (Lindane)	0.046	J H	0.051	0.0084	ug/L	05/30/19 15:48	06/04/19 18:57		1
trans-Chlordane	0.051	U H *	0.051	0.0086	ug/L	05/30/19 15:48	06/04/19 18:57		1
Heptachlor	0.051	U H *	0.051	0.0080	ug/L	05/30/19 15:48	06/04/19 18:57		1
Heptachlor epoxide	0.11	H	0.051	0.0082	ug/L	05/30/19 15:48	06/04/19 18:57		1
Methoxychlor	0.051	U H	0.051	0.0095	ug/L	05/30/19 15:48	06/04/19 18:57		1
Toxaphene	5.5	H	5.1	0.19	ug/L	05/30/19 15:48	06/04/19 18:57		1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91			10 - 130			05/30/19 15:48	06/04/19 18:57	1
Tetrachloro-m-xylene	40			39 - 130			05/30/19 15:48	06/04/19 18:57	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-570220/18

Matrix: Water

Analysis Batch: 570220

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/14/19 16:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		05/14/19 16:08	1
1,2-Dichloroethane-d4 (Surr)	102		73 - 131		05/14/19 16:08	1
Dibromofluoromethane (Surr)	101		80 - 122		05/14/19 16:08	1
4-Bromofluorobenzene (Surr)	88		80 - 120		05/14/19 16:08	1

Lab Sample ID: LCS 680-570220/1015

Matrix: Water

Analysis Batch: 570220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
				ug/L		Limits	
Trichloroethene	50.0	51.6		ug/L		103	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	112		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		73 - 131
Dibromofluoromethane (Surr)	100		80 - 122
4-Bromofluorobenzene (Surr)	108		80 - 120

Lab Sample ID: LCSD 680-570220/16

Matrix: Water

Analysis Batch: 570220

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
				ug/L		Limits		Limit
Trichloroethene	50.0	50.0		ug/L		100	80 - 120	3

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	104		80 - 120
1,2-Dichloroethane-d4 (Surr)	97		73 - 131
Dibromofluoromethane (Surr)	109		80 - 122
4-Bromofluorobenzene (Surr)	95		80 - 120

Lab Sample ID: MB 680-571876/8

Matrix: Water

Analysis Batch: 571876

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/26/19 15:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		05/26/19 15:01	1
1,2-Dichloroethane-d4 (Surr)	96		73 - 131		05/26/19 15:01	1
Dibromofluoromethane (Surr)	102		80 - 122		05/26/19 15:01	1
4-Bromofluorobenzene (Surr)	93		80 - 120		05/26/19 15:01	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-571876/4

Matrix: Water

Analysis Batch: 571876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	50.0	51.4		ug/L	103		80 - 120
Surrogate	%Recovery	LCS	LCS				
Toluene-d8 (Surr)	98		80 - 120				
1,2-Dichloroethane-d4 (Surr)	95		73 - 131				
Dibromofluoromethane (Surr)	100		80 - 122				
4-Bromofluorobenzene (Surr)	91		80 - 120				

Lab Sample ID: LCSD 680-571876/5

Matrix: Water

Analysis Batch: 571876

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	50.0	49.2		ug/L		98	80 - 120	4	20

Surrogate	%Recovery	LCSD	LCSD	Limits
Toluene-d8 (Surr)	97		80 - 120	
1,2-Dichloroethane-d4 (Surr)	97		73 - 131	
Dibromofluoromethane (Surr)	98		80 - 122	
4-Bromofluorobenzene (Surr)	90		80 - 120	

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-569201/6-A

Matrix: Water

Analysis Batch: 570512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		05/06/19 19:45	05/15/19 20:21	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		05/06/19 19:45	05/15/19 20:21	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		05/06/19 19:45	05/15/19 20:21	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		05/06/19 19:45	05/15/19 20:21	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		05/06/19 19:45	05/15/19 20:21	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		05/06/19 19:45	05/15/19 20:21	1
4,4'-DDT	0.013	U	0.013	0.0021	ug/L		05/06/19 19:45	05/15/19 20:21	1
delta-BHC	0.013	U	0.013	0.0033	ug/L		05/06/19 19:45	05/15/19 20:21	1
Dieldrin	0.013	U	0.013	0.0022	ug/L		05/06/19 19:45	05/15/19 20:21	1
Endosulfan I	0.013	U	0.013	0.0021	ug/L		05/06/19 19:45	05/15/19 20:21	1
Endosulfan II	0.013	U	0.013	0.0021	ug/L		05/06/19 19:45	05/15/19 20:21	1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L		05/06/19 19:45	05/15/19 20:21	1
Endrin	0.013	U	0.013	0.0022	ug/L		05/06/19 19:45	05/15/19 20:21	1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L		05/06/19 19:45	05/15/19 20:21	1
Endrin ketone	0.013	U	0.013	0.0022	ug/L		05/06/19 19:45	05/15/19 20:21	1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L		05/06/19 19:45	05/15/19 20:21	1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L		05/06/19 19:45	05/15/19 20:21	1
Heptachlor	0.013	U	0.013	0.0020	ug/L		05/06/19 19:45	05/15/19 20:21	1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L		05/06/19 19:45	05/15/19 20:21	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Job ID: 680-168398-1

Project/Site: Geigy Site / 11.990010.00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-569201/6-A

Matrix: Water

Analysis Batch: 570512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 569201

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methoxychlor	0.013	U	0.013	0.0023	ug/L		05/06/19 19:45	05/15/19 20:21	1
Toxaphene	1.3	U	1.3	0.048	ug/L		05/06/19 19:45	05/15/19 20:21	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	94		10 - 130			05/06/19 19:45	05/15/19 20:21	1
Tetrachloro-m-xylene	13	X	39 - 130			05/06/19 19:45	05/15/19 20:21	1

Lab Sample ID: LCS 680-569201/7-A

Matrix: Water

Analysis Batch: 570512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 569201

Analyte	Spike	LCS	LCS	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier				
Aldrin	0.0250	0.013	U *	ug/L	6	48 - 130	
alpha-BHC	0.0250	0.0224		ug/L	89	45 - 130	
cis-Chlordane	0.0250	0.0149	*	ug/L	59	60 - 130	
beta-BHC	0.0250	0.0194	p	ug/L	78	50 - 130	
4,4'-DDD	0.0250	0.0320		ug/L	128	52 - 130	
4,4'-DDE	0.0250	0.00580	J p *	ug/L	23	48 - 130	
4,4'-DDT	0.0250	0.0266		ug/L	106	59 - 130	
delta-BHC	0.0250	0.0321		ug/L	129	47 - 140	
Dieldrin	0.0250	0.0267		ug/L	107	55 - 130	
Endosulfan I	0.0250	0.0233		ug/L	93	27 - 130	
Endosulfan II	0.0250	0.0240		ug/L	96	39 - 130	
Endosulfan sulfate	0.0250	0.0265		ug/L	106	57 - 130	
Endrin	0.0250	0.0262		ug/L	105	62 - 131	
Endrin aldehyde	0.0250	0.0334		ug/L	134	39 - 177	
Endrin ketone	0.0250	0.0278		ug/L	111	47 - 130	
gamma-BHC (Lindane)	0.0250	0.0230		ug/L	92	47 - 130	
trans-Chlordane	0.0250	0.0109	J *	ug/L	44	50 - 145	
Heptachlor	0.0250	0.00355	J p *	ug/L	14	49 - 130	
Heptachlor epoxide	0.0250	0.0237		ug/L	95	54 - 130	
Methoxychlor	0.0250	0.0337	*	ug/L	135	53 - 130	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Result	Qualifier			
DCB Decachlorobiphenyl	96		10 - 130		
Tetrachloro-m-xylene	13	X	39 - 130		

Lab Sample ID: LCSD 680-569201/8-A

Matrix: Water

Analysis Batch: 570512

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 569201

Analyte	Spike	LCSD	LCSD	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier					
Aldrin	0.0250	0.00314	J p *	ug/L	13	48 - 130	69	40
alpha-BHC	0.0250	0.0509	*	ug/L	204	45 - 130	78	30
cis-Chlordane	0.0250	0.0277	*	ug/L	111	60 - 130	60	50
beta-BHC	0.0250	0.0629	*	ug/L	252	50 - 130	106	40
4,4'-DDD	0.0250	0.0624	*	ug/L	250	52 - 130	64	40

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCSD 680-569201/8-A

Matrix: Water

Analysis Batch: 570512

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 569201

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
4,4'-DDE	0.0250	0.0149	*	ug/L	60	48 - 130	88	30	
4,4'-DDT	0.0250	0.0512	*	ug/L	205	59 - 130	63	40	
delta-BHC	0.0250	0.0641	*	ug/L	256	47 - 140	66	30	
Dieldrin	0.0250	0.0564	*	ug/L	226	55 - 130	71	30	
Endosulfan I	0.0250	0.0475	*	ug/L	190	27 - 130	69	30	
Endosulfan II	0.0250	0.0558	*	ug/L	223	39 - 130	80	30	
Endosulfan sulfate	0.0250	0.0646	*	ug/L	259	57 - 130	84	40	
Endrin	0.0250	0.0520	*	ug/L	208	62 - 131	66	30	
Endrin aldehyde	0.0250	0.0713	*	ug/L	285	39 - 177	72	40	
Endrin ketone	0.0250	0.0689	*	ug/L	276	47 - 130	85	40	
gamma-BHC (Lindane)	0.0250	0.0534	*	ug/L	214	47 - 130	80	30	
trans-Chlordane	0.0250	0.0194	p *	ug/L	78	50 - 145	56	50	
Heptachlor	0.0250	0.00637	J p *	ug/L	25	49 - 130	57	30	
Heptachlor epoxide	0.0250	0.0504	*	ug/L	202	54 - 130	72	40	
Methoxychlor	0.0250	0.0758	*	ug/L	303	53 - 130	77	40	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	96		10 - 130
Tetrachloro-m-xylene	5	p X	39 - 130

Lab Sample ID: MB 680-572330/7-A

Matrix: Water

Analysis Batch: 572946

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 572330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L	05/30/19 15:48	06/04/19 16:34		1
alpha-BHC	0.013	U	0.013	0.0020	ug/L	05/30/19 15:48	06/04/19 16:34		1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L	05/30/19 15:48	06/04/19 16:34		1
beta-BHC	0.013	U	0.013	0.0030	ug/L	05/30/19 15:48	06/04/19 16:34		1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L	05/30/19 15:48	06/04/19 16:34		1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L	05/30/19 15:48	06/04/19 16:34		1
4,4'-DDT	0.013	U	0.013	0.0021	ug/L	05/30/19 15:48	06/04/19 16:34		1
delta-BHC	0.013	U	0.013	0.0033	ug/L	05/30/19 15:48	06/04/19 16:34		1
Dieldrin	0.013	U	0.013	0.0022	ug/L	05/30/19 15:48	06/04/19 16:34		1
Endosulfan I	0.013	U	0.013	0.0021	ug/L	05/30/19 15:48	06/04/19 16:34		1
Endosulfan II	0.013	U	0.013	0.0021	ug/L	05/30/19 15:48	06/04/19 16:34		1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L	05/30/19 15:48	06/04/19 16:34		1
Endrin	0.013	U	0.013	0.0022	ug/L	05/30/19 15:48	06/04/19 16:34		1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L	05/30/19 15:48	06/04/19 16:34		1
Endrin ketone	0.013	U	0.013	0.0022	ug/L	05/30/19 15:48	06/04/19 16:34		1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L	05/30/19 15:48	06/04/19 16:34		1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L	05/30/19 15:48	06/04/19 16:34		1
Heptachlor	0.013	U	0.013	0.0020	ug/L	05/30/19 15:48	06/04/19 16:34		1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L	05/30/19 15:48	06/04/19 16:34		1
Methoxychlor	0.013	U	0.013	0.0023	ug/L	05/30/19 15:48	06/04/19 16:34		1
Toxaphene	1.3	U	1.3	0.048	ug/L	05/30/19 15:48	06/04/19 16:34		1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-572330/7-A

Matrix: Water

Analysis Batch: 572946

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 572330

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		10 - 130	05/30/19 15:48	06/04/19 16:34	1
Tetrachloro-m-xylene	39		39 - 130	05/30/19 15:48	06/04/19 16:34	1

Lab Sample ID: LCS 680-572330/8-A

Matrix: Water

Analysis Batch: 572946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 572330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Aldrin	0.0250	0.00990	J *	ug/L	40	48 - 130		
alpha-BHC	0.0250	0.0232		ug/L	93	45 - 130		
cis-Chlordane	0.0250	0.0167		ug/L	67	60 - 130		
beta-BHC	0.0250	0.0202		ug/L	81	50 - 130		
4,4'-DDD	0.0250	0.0280		ug/L	112	52 - 130		
4,4'-DDE	0.0250	0.0175		ug/L	70	48 - 130		
4,4'-DDT	0.0250	0.0222		ug/L	89	59 - 130		
delta-BHC	0.0250	0.0246		ug/L	98	47 - 140		
Dieldrin	0.0250	0.0217		ug/L	87	55 - 130		
Endosulfan I	0.0250	0.0196		ug/L	79	27 - 130		
Endosulfan II	0.0250	0.0236		ug/L	94	39 - 130		
Endosulfan sulfate	0.0250	0.0250		ug/L	100	57 - 130		
Endrin	0.0250	0.0246		ug/L	98	62 - 131		
Endrin aldehyde	0.0250	0.0285		ug/L	114	39 - 177		
Endrin ketone	0.0250	0.0259		ug/L	104	47 - 130		
gamma-BHC (Lindane)	0.0250	0.0162	p	ug/L	65	47 - 130		
trans-Chlordane	0.0250	0.0120	J p *	ug/L	48	50 - 145		
Heptachlor	0.0250	0.0111	J *	ug/L	44	49 - 130		
Heptachlor epoxide	0.0250	0.0223		ug/L	89	54 - 130		
Methoxychlor	0.0250	0.0256		ug/L	102	53 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	82		10 - 130
Tetrachloro-m-xylene	46		39 - 130

Lab Sample ID: LCSD 680-572330/9-A

Matrix: Water

Analysis Batch: 572946

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 572330

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
Aldrin	0.0250	0.00994	J *	ug/L	40	48 - 130		0	40	
alpha-BHC	0.0250	0.0210		ug/L	84	45 - 130		10	30	
cis-Chlordane	0.0250	0.0154		ug/L	62	60 - 130		8	50	
beta-BHC	0.0250	0.0204		ug/L	81	50 - 130		1	40	
4,4'-DDD	0.0250	0.0255		ug/L	102	52 - 130		9	40	
4,4'-DDE	0.0250	0.0157		ug/L	63	48 - 130		11	30	
4,4'-DDT	0.0250	0.0200		ug/L	80	59 - 130		10	40	
delta-BHC	0.0250	0.0137	p *	ug/L	55	47 - 140		57	30	
Dieldrin	0.0250	0.0202		ug/L	81	55 - 130		7	30	

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Job ID: 680-168398-1

Project/Site: Geigy Site / 11.990010.00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCSD 680-572330/9-A

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 572946

Prep Batch: 572330

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Endosulfan I	0.0250	0.0115	J p *	ug/L	46	27 - 130	52	30	
Endosulfan II	0.0250	0.0222		ug/L	89	39 - 130	6	30	
Endosulfan sulfate	0.0250	0.0250		ug/L	100	57 - 130	0	40	
Endrin	0.0250	0.0229		ug/L	92	62 - 131	7	30	
Endrin aldehyde	0.0250	0.0270		ug/L	108	39 - 177	5	40	
Endrin ketone	0.0250	0.0162	p *	ug/L	65	47 - 130	46	40	
gamma-BHC (Lindane)	0.0250	0.0143	p	ug/L	57	47 - 130	12	30	
trans-Chlordane	0.0250	0.0103	J * p	ug/L	41	50 - 145	15	50	
Heptachlor	0.0250	0.00992	J *	ug/L	40	49 - 130	11	30	
Heptachlor epoxide	0.0250	0.0214		ug/L	85	54 - 130	4	40	
Methoxychlor	0.0250	0.0257		ug/L	103	53 - 130	0	40	
<hr/>									
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	85		10 - 130						
Tetrachloro-m-xylene	47		39 - 130						

Eurofins TestAmerica, Savannah

QC Association Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

GC/MS VOA

Analysis Batch: 570220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-1	Effluent	Total/NA	Water	8260B	
680-168398-2	Carbon A-2	Total/NA	Water	8260B	
680-168398-3	Carbon B-2	Total/NA	Water	8260B	
680-168398-4	Influent	Total/NA	Water	8260B	
MB 680-570220/18	Method Blank	Total/NA	Water	8260B	
LCS 680-570220/1015	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-570220/16	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 571876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-4 - RA	Influent	Total/NA	Water	8260B	
MB 680-571876/8	Method Blank	Total/NA	Water	8260B	
LCS 680-571876/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-571876/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 569201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-1	Effluent	Total/NA	Water	3520C	
680-168398-2	Carbon A-2	Total/NA	Water	3520C	
680-168398-3	Carbon B-2	Total/NA	Water	3520C	
680-168398-4	Influent	Total/NA	Water	3520C	
MB 680-569201/6-A	Method Blank	Total/NA	Water	3520C	
LCS 680-569201/7-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-569201/8-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 570512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-1	Effluent	Total/NA	Water	8081B/8082A	569201
680-168398-2	Carbon A-2	Total/NA	Water	8081B/8082A	569201
680-168398-3	Carbon B-2	Total/NA	Water	8081B/8082A	569201
680-168398-4	Influent	Total/NA	Water	8081B/8082A	569201
680-168398-4	Influent	Total/NA	Water	8081B/8082A	569201
MB 680-569201/6-A	Method Blank	Total/NA	Water	8081B/8082A	569201
LCS 680-569201/7-A	Lab Control Sample	Total/NA	Water	8081B/8082A	569201
LCSD 680-569201/8-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	569201

Analysis Batch: 570662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-3	Carbon B-2	Total/NA	Water	8081B/8082A	569201

Prep Batch: 572330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-1 - RE	Effluent	Total/NA	Water	3520C	
680-168398-2 - RE	Carbon A-2	Total/NA	Water	3520C	
680-168398-3 - RE	Carbon B-2	Total/NA	Water	3520C	
680-168398-4 - RE	Influent	Total/NA	Water	3520C	
MB 680-572330/7-A	Method Blank	Total/NA	Water	3520C	
LCS 680-572330/8-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-572330/9-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Eurofins TestAmerica, Savannah

QC Association Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

GC Semi VOA

Analysis Batch: 572946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-1 - RE	Effluent	Total/NA	Water	8081B/8082A	572330
680-168398-2 - RE	Carbon A-2	Total/NA	Water	8081B/8082A	572330
680-168398-3 - RE	Carbon B-2	Total/NA	Water	8081B/8082A	572330
680-168398-4 - RE	Influent	Total/NA	Water	8081B/8082A	572330
MB 680-572330/7-A	Method Blank	Total/NA	Water	8081B/8082A	572330
LCS 680-572330/8-A	Lab Control Sample	Total/NA	Water	8081B/8082A	572330
LCSD 680-572330/9-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	572330

Analysis Batch: 573430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-168398-3 - RE	Carbon B-2	Total/NA	Water	8081B/8082A	572330
680-168398-4 - RE	Influent	Total/NA	Water	8081B/8082A	572330

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Effluent
Date Collected: 04/30/19 11:05
Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	570220	05/14/19 21:00	Y1S	TAL SAV
Total/NA	Prep	3520C			569201	05/06/19 19:45	WGG	TAL SAV
Total/NA	Analysis	8081B/8082A		1	570512	05/15/19 23:13	JCK	TAL SAV
Total/NA	Prep	3520C	RE		572330	05/30/19 15:48	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A	RE	1	572946	06/04/19 18:14	JCK	TAL SAV

Client Sample ID: Carbon A-2
Date Collected: 04/30/19 11:14
Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	570220	05/14/19 21:21	Y1S	TAL SAV
Total/NA	Prep	3520C			569201	05/06/19 19:45	WGG	TAL SAV
Total/NA	Analysis	8081B/8082A		1	570512	05/15/19 23:28	JCK	TAL SAV
Total/NA	Prep	3520C	RE		572330	05/30/19 15:48	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A	RE	1	572946	06/04/19 18:29	JCK	TAL SAV

Client Sample ID: Carbon B-2
Date Collected: 04/30/19 11:21
Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	570220	05/14/19 21:42	Y1S	TAL SAV
Total/NA	Prep	3520C			569201	05/06/19 19:45	WGG	TAL SAV
Total/NA	Analysis	8081B/8082A		1	570512	05/15/19 23:42	JCK	TAL SAV
Total/NA	Prep	3520C			569201	05/06/19 19:45	WGG	TAL SAV
Total/NA	Analysis	8081B/8082A		10	570662	05/16/19 19:53	JCK	TAL SAV
Total/NA	Prep	3520C	RE		572330	05/30/19 15:48	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A	RE	1	572946	06/04/19 18:43	JCK	TAL SAV
Total/NA	Prep	3520C	RE		572330	05/30/19 15:48	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A	RE	5	573430	06/07/19 17:38	JCK	TAL SAV

Client Sample ID: Influent
Date Collected: 04/30/19 11:27
Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	570220	05/14/19 22:03	Y1S	TAL SAV
Total/NA	Analysis	8260B	RA	1	571876	05/26/19 15:24	Y1S	TAL SAV
Total/NA	Prep	3520C			569201	05/06/19 19:45	WGG	TAL SAV
Total/NA	Analysis	8081B/8082A		1	570512	05/15/19 23:56	JCK	TAL SAV
Total/NA	Prep	3520C			569201	05/06/19 19:45	WGG	TAL SAV
Total/NA	Analysis	8081B/8082A		25	570512	05/16/19 00:11	JCK	TAL SAV
Total/NA	Prep	3520C	RE		572330	05/30/19 15:48	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A	RE	1	572946	06/04/19 18:57	JCK	TAL SAV

Eurofins TestAmerica, Savannah

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Client Sample ID: Influent

Date Collected: 04/30/19 11:27

Date Received: 05/01/19 09:40

Lab Sample ID: 680-168398-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C	RE		572330	05/30/19 15:48	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A	RE	10	573430	06/07/19 17:52	JCK	TAL SAV

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Site / 11.990010.00

Job ID: 680-168398-1

Laboratory: Eurofins TestAmerica, Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
	AFCEE		SAVLAB	
Alabama	State Program	4	41450	06-30-19 *
Alaska	State Program	10		06-30-19 *
Alaska (UST)	State Program	10	UST-104	09-22-19
ANAB	DoD		L2463	09-22-19
ANAB	ISO/IEC 17025		L2463.01	09-22-19
Arizona	State Program	9	AZ0808	12-14-19
Arkansas DEQ	State Program	6	88-0692	02-01-20
California	State Program	9	2939	06-30-19 *
Colorado	State Program	8	N/A	12-31-19
Connecticut	State Program	1	PH-0161	03-31-21
Florida	NELAP	4	E87052	06-30-19 *
GA Dept. of Agriculture	State Program	4	N/A	06-12-19
Georgia	State Program	4	N/A	06-30-19 *
Georgia	State Program	4	803	06-30-19 *
Guam	State Program	9	15-005r	04-17-20
Hawaii	State Program	9	N/A	06-30-19 *
Illinois	NELAP	5	200022	11-30-19
Indiana	State Program	5	N/A	06-30-19 *
Iowa	State Program	7	353	06-30-19 *
Kentucky (DW)	State Program	4	90084	12-31-19
Kentucky (UST)	State Program	4	18	06-30-19 *
Kentucky (WW)	State Program	4	90084	12-31-19
Louisiana	NELAP	6	30690	06-30-19 *
Louisiana (DW)	NELAP	6	LA160019	12-31-19
Maine	State Program	1	GA00006	09-25-20
Maryland	State Program	3	250	12-31-19
Massachusetts	State Program	1	M-GA006	06-30-19 *
Michigan	State Program	5	9925	06-30-19
Mississippi	State Program	4	N/A	06-30-19 *
Nebraska	State Program	7	TestAmerica-Savannah	06-30-19 *
New Jersey	NELAP	2	GA769	06-30-19 *
New Mexico	State Program	6	N/A	06-30-19 *
New York	NELAP	2	10842	04-01-20
North Carolina (DW)	State Program	4	13701	07-31-19
North Carolina (WW/SW)	State Program	4	269	12-31-19
Oklahoma	State Program	6	9984	08-31-19
Pennsylvania	NELAP	3	68-00474	06-30-19 *
Puerto Rico	State Program	2	GA00006	01-01-20
South Carolina	State Program	4	98001	06-30-19 *
Tennessee	State Program	4	TN02961	06-30-19 *
Texas	NELAP	6	T104704185-19-12	11-30-19
Texas (DW)	State Program	1	T104704185	06-30-19 *
US Fish & Wildlife	Federal		LE058448-0	07-31-19
Virginia	NELAP	3	460161	06-14-19 *
Washington	State Program	10	C805	06-10-19 *
West Virginia (DW)	State Program	3	9950C	12-31-19
West Virginia DEP	State Program	3	094	06-30-19 *
Wisconsin	State Program	5	999819810	08-31-19 *
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Savannah

Chain of Custody Record

310677

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Chris Hay

Client Contact

Company Name: Envirotrac Ltd.
Address: 7343 W. Friendly Ave Suite J
City/State/Zip: Greensboro, NC 27410
Phone: (336) 763-6025
Fax:
Project Name: Grey Site
Site: 11.990010,00
P.O.#

Tel/Fax: Analyst Turnaround Time

CALENDAR DAYS WORKING DAYS
TAT if different from Below _____
 2 weeks
 1 week
 2 days
 1 day

Sample Identification

Sample Date	Sample Time	Sample Type (C=Comp., G=Grab)	Matrix	# of Cont.
4/30/19	1105	G	W	5 N
	1114			X X
	1121			X X
	1127	→	→	X X

Site Contact: Chris Hay

Lab Contact: Michele Kester

Carrier: FedEx

Date: 4/30/19

COC No: 7

of 7 COCs

Sampler:

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Performer MS / MSD (Y/N):

Filtered Sample (Y/N):

Sample Specific Notes:



680-168398 Chain of Custody

Preservation Used: 1= Ice; 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: Company: _____	Cooler Temp. (°C): Obs'd: _____ Corrd.: _____	Therm ID No.: _____
Relinquished by: Company: _____	Date/Time: _____	Received by: _____	Company: _____ Date/Time: _____
Relinquished by: Company: _____	Date/Time: _____	Received by: _____	Company: _____ Date/Time: _____

6/10/2019

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Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 680-168398-1

Login Number: 168398

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Weston, Pamela

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing
TestAmerica

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ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-172368-1
Client Project/Site: Geigy Chemical Corp.

For:
EnviroTrac, Ltd.
7343 W. Friendly Avenue
Suite J
Greensboro, North Carolina 27410

Attn: Chris Hay

Willie Hallmon

Authorized for release by:
8/14/2019 12:15:48 PM
Willie Hallmon, Project Manager I
(813)885-7427
willie.hallmon@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Job ID: 680-172368-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: Geigy Chemical Corp.

Report Number: 680-172368-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 07/31/2019; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.5 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Effluent (680-172368-1), Carbon Drum A-3 (680-172368-2), Carbon Drum B-3 (680-172368-3) and Influent (680-172368-4) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/09/2019.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-581517.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBs

Samples Effluent (680-172368-1), Carbon Drum A-3 (680-172368-2), Carbon Drum B-3 (680-172368-3) and Influent (680-172368-4) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 08/05/2019 and analyzed on 08/09/2019 and 08/11/2019.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

Samples Carbon Drum B-3 (680-172368-3)[10X] and Influent (680-172368-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-172368-1	Effluent	Water	07/30/19 09:39	07/31/19 09:15	
680-172368-2	Carbon Drum A-3	Water	07/30/19 09:48	07/31/19 09:15	
680-172368-3	Carbon Drum B-3	Water	07/30/19 09:55	07/31/19 09:15	
680-172368-4	Influent	Water	07/30/19 10:02	07/31/19 09:15	

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Method Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Client Sample ID: Effluent

Date Collected: 07/30/19 09:39

Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			08/09/19 19:25	1
Surrogate									
Toluene-d8 (Surr)	105		80 - 120				Prepared	08/09/19 19:25	1
1,2-Dichloroethane-d4 (Surr)	84		73 - 131					08/09/19 19:25	1
Dibromofluoromethane (Surr)	95		80 - 122					08/09/19 19:25	1
4-Bromofluorobenzene (Surr)	95		80 - 120					08/09/19 19:25	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0074	ug/L		08/05/19 13:53	08/09/19 17:11	1
alpha-BHC	0.050	U	0.050	0.0079	ug/L		08/05/19 13:53	08/09/19 17:11	1
cis-Chlordane	0.050	U	0.050	0.010	ug/L		08/05/19 13:53	08/09/19 17:11	1
beta-BHC	0.10		0.050	0.012	ug/L		08/05/19 13:53	08/09/19 17:11	1
4,4'-DDD	0.050	U	0.050	0.0078	ug/L		08/05/19 13:53	08/09/19 17:11	1
4,4'-DDE	0.050	U	0.050	0.0075	ug/L		08/05/19 13:53	08/09/19 17:11	1
4,4'-DDT	0.050	U	0.050	0.0086	ug/L		08/05/19 13:53	08/09/19 17:11	1
delta-BHC	0.050	U	0.050	0.013	ug/L		08/05/19 13:53	08/09/19 17:11	1
Dieldrin	0.014 J		0.050	0.0087	ug/L		08/05/19 13:53	08/09/19 17:11	1
Endosulfan I	0.050	U	0.050	0.0083	ug/L		08/05/19 13:53	08/09/19 17:11	1
Endosulfan II	0.050	U	0.050	0.0086	ug/L		08/05/19 13:53	08/09/19 17:11	1
Endosulfan sulfate	0.050	U	0.050	0.0084	ug/L		08/05/19 13:53	08/09/19 17:11	1
Endrin	0.050	U	0.050	0.0089	ug/L		08/05/19 13:53	08/09/19 17:11	1
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		08/05/19 13:53	08/09/19 17:11	1
Endrin ketone	0.015 J		0.050	0.0090	ug/L		08/05/19 13:53	08/09/19 17:11	1
gamma-BHC (Lindane)	0.050	U	0.050	0.0084	ug/L		08/05/19 13:53	08/09/19 17:11	1
trans-Chlordane	0.050	U	0.050	0.0086	ug/L		08/05/19 13:53	08/09/19 17:11	1
Heptachlor	0.050	U	0.050	0.0080	ug/L		08/05/19 13:53	08/09/19 17:11	1
Heptachlor epoxide	0.050	U	0.050	0.0082	ug/L		08/05/19 13:53	08/09/19 17:11	1
Methoxychlor	0.050	U	0.050	0.0094	ug/L		08/05/19 13:53	08/09/19 17:11	1
Toxaphene	5.0	U	5.0	0.19	ug/L		08/05/19 13:53	08/09/19 17:11	1
Surrogate									
DCB Decachlorobiphenyl	60		10 - 130				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	48		39 - 130				08/05/19 13:53	08/09/19 17:11	1
							08/05/19 13:53	08/09/19 17:11	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Client Sample ID: Carbon Drum A-3

Date Collected: 07/30/19 09:48
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			08/09/19 19:48	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120					08/09/19 19:48	1
1,2-Dichloroethane-d4 (Surr)	84		73 - 131					08/09/19 19:48	1
Dibromofluoromethane (Surr)	96		80 - 122					08/09/19 19:48	1
4-Bromofluorobenzene (Surr)	93		80 - 120					08/09/19 19:48	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.051	U	0.051	0.0074	ug/L			08/05/19 13:53	08/09/19 17:26
alpha-BHC	0.051	U	0.051	0.0079	ug/L			08/05/19 13:53	08/09/19 17:26
cis-Chlordane	0.051	U	0.051	0.010	ug/L			08/05/19 13:53	08/09/19 17:26
beta-BHC	0.051	U	0.051	0.012	ug/L			08/05/19 13:53	08/09/19 17:26
4,4'-DDD	0.051	U	0.051	0.0078	ug/L			08/05/19 13:53	08/09/19 17:26
4,4'-DDE	0.051	U	0.051	0.0075	ug/L			08/05/19 13:53	08/09/19 17:26
4,4'-DDT	0.051	U	0.051	0.0086	ug/L			08/05/19 13:53	08/09/19 17:26
delta-BHC	0.051	U	0.051	0.013	ug/L			08/05/19 13:53	08/09/19 17:26
Dieldrin	0.051	U	0.051	0.0087	ug/L			08/05/19 13:53	08/09/19 17:26
Endosulfan I	0.051	U	0.051	0.0083	ug/L			08/05/19 13:53	08/09/19 17:26
Endosulfan II	0.051	U	0.051	0.0086	ug/L			08/05/19 13:53	08/09/19 17:26
Endosulfan sulfate	0.051	U	0.051	0.0084	ug/L			08/05/19 13:53	08/09/19 17:26
Endrin	0.051	U	0.051	0.0089	ug/L			08/05/19 13:53	08/09/19 17:26
Endrin aldehyde	0.051	U	0.051	0.017	ug/L			08/05/19 13:53	08/09/19 17:26
Endrin ketone	0.051	U	0.051	0.0090	ug/L			08/05/19 13:53	08/09/19 17:26
gamma-BHC (Lindane)	0.051	U	0.051	0.0084	ug/L			08/05/19 13:53	08/09/19 17:26
trans-Chlordane	0.051	U	0.051	0.0086	ug/L			08/05/19 13:53	08/09/19 17:26
Heptachlor	0.051	U	0.051	0.0080	ug/L			08/05/19 13:53	08/09/19 17:26
Heptachlor epoxide	0.051	U	0.051	0.0082	ug/L			08/05/19 13:53	08/09/19 17:26
Methoxychlor	0.051	U	0.051	0.0094	ug/L			08/05/19 13:53	08/09/19 17:26
Toxaphene	5.1	U	5.1	0.19	ug/L			08/05/19 13:53	08/09/19 17:26
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		10 - 130					08/05/19 13:53	08/09/19 17:26
Tetrachloro-m-xylene	66		39 - 130					08/05/19 13:53	08/09/19 17:26

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Client Sample ID: Carbon Drum B-3

Date Collected: 07/30/19 09:55
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			08/09/19 16:43	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120					08/09/19 16:43	1
1,2-Dichloroethane-d4 (Surr)	83		73 - 131					08/09/19 16:43	1
Dibromofluoromethane (Surr)	96		80 - 122					08/09/19 16:43	1
4-Bromofluorobenzene (Surr)	93		80 - 120					08/09/19 16:43	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.054	U	0.054	0.0078	ug/L			08/05/19 13:53	08/09/19 17:41
alpha-BHC	0.052	J	0.054	0.0083	ug/L			08/05/19 13:53	08/09/19 17:41
cis-Chlordane	0.094		0.054	0.011	ug/L			08/05/19 13:53	08/09/19 17:41
beta-BHC	3.4		0.54	0.13	ug/L			08/05/19 13:53	08/11/19 14:43
4,4'-DDD	0.054	U	0.054	0.0082	ug/L			08/05/19 13:53	08/09/19 17:41
4,4'-DDE	0.054	U	0.054	0.0079	ug/L			08/05/19 13:53	08/09/19 17:41
4,4'-DDT	0.069	p	0.054	0.0091	ug/L			08/05/19 13:53	08/09/19 17:41
delta-BHC	0.36		0.054	0.014	ug/L			08/05/19 13:53	08/09/19 17:41
Dieldrin	0.45		0.054	0.0092	ug/L			08/05/19 13:53	08/09/19 17:41
Endosulfan I	0.054	U	0.054	0.0088	ug/L			08/05/19 13:53	08/09/19 17:41
Endosulfan II	0.054	U	0.054	0.0091	ug/L			08/05/19 13:53	08/09/19 17:41
Endosulfan sulfate	0.054	U	0.054	0.0089	ug/L			08/05/19 13:53	08/09/19 17:41
Endrin	0.054	U	0.054	0.0094	ug/L			08/05/19 13:53	08/09/19 17:41
Endrin aldehyde	0.054	U	0.054	0.018	ug/L			08/05/19 13:53	08/09/19 17:41
Endrin ketone	0.34		0.054	0.0095	ug/L			08/05/19 13:53	08/09/19 17:41
gamma-BHC (Lindane)	0.089		0.054	0.0089	ug/L			08/05/19 13:53	08/09/19 17:41
trans-Chlordane	0.050	J	0.054	0.0091	ug/L			08/05/19 13:53	08/09/19 17:41
Heptachlor	0.054	U	0.054	0.0085	ug/L			08/05/19 13:53	08/09/19 17:41
Heptachlor epoxide	0.057	p	0.054	0.0087	ug/L			08/05/19 13:53	08/09/19 17:41
Methoxychlor	0.071	p	0.054	0.010	ug/L			08/05/19 13:53	08/09/19 17:41
Toxaphene	6.2		5.4	0.20	ug/L			08/05/19 13:53	08/09/19 17:41
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		10 - 130					08/05/19 13:53	08/09/19 17:41
Tetrachloro-m-xylene	69		39 - 130					08/05/19 13:53	08/09/19 17:41

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Client Sample ID: Influent

Date Collected: 07/30/19 10:02
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			08/09/19 17:06	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120					08/09/19 17:06	1
1,2-Dichloroethane-d4 (Surr)	84		73 - 131					08/09/19 17:06	1
Dibromofluoromethane (Surr)	96		80 - 122					08/09/19 17:06	1
4-Bromofluorobenzene (Surr)	94		80 - 120					08/09/19 17:06	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0073	ug/L		08/05/19 13:53	08/09/19 17:55	1
alpha-BHC	0.054		0.050	0.0078	ug/L		08/05/19 13:53	08/09/19 17:55	1
cis-Chlordane	0.050	p	0.050	0.010	ug/L		08/05/19 13:53	08/09/19 17:55	1
beta-BHC	3.2		0.50	0.12	ug/L		08/05/19 13:53	08/11/19 14:57	10
4,4'-DDD	0.050	U	0.050	0.0077	ug/L		08/05/19 13:53	08/09/19 17:55	1
4,4'-DDE	0.050	U	0.050	0.0074	ug/L		08/05/19 13:53	08/09/19 17:55	1
4,4'-DDT	0.075	p	0.050	0.0085	ug/L		08/05/19 13:53	08/09/19 17:55	1
delta-BHC	0.34		0.050	0.013	ug/L		08/05/19 13:53	08/09/19 17:55	1
Dieldrin	0.41		0.050	0.0086	ug/L		08/05/19 13:53	08/09/19 17:55	1
Endosulfan I	0.050	U	0.050	0.0082	ug/L		08/05/19 13:53	08/09/19 17:55	1
Endosulfan II	0.050	U	0.050	0.0085	ug/L		08/05/19 13:53	08/09/19 17:55	1
Endosulfan sulfate	0.050	U	0.050	0.0083	ug/L		08/05/19 13:53	08/09/19 17:55	1
Endrin	0.050	U	0.050	0.0088	ug/L		08/05/19 13:53	08/09/19 17:55	1
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		08/05/19 13:53	08/09/19 17:55	1
Endrin ketone	0.33		0.050	0.0089	ug/L		08/05/19 13:53	08/09/19 17:55	1
gamma-BHC (Lindane)	0.078		0.050	0.0083	ug/L		08/05/19 13:53	08/09/19 17:55	1
trans-Chlordane	0.023	J p	0.050	0.0085	ug/L		08/05/19 13:53	08/09/19 17:55	1
Heptachlor	0.050	U	0.050	0.0079	ug/L		08/05/19 13:53	08/09/19 17:55	1
Heptachlor epoxide	0.036	J p	0.050	0.0081	ug/L		08/05/19 13:53	08/09/19 17:55	1
Methoxychlor	0.085		0.050	0.0093	ug/L		08/05/19 13:53	08/09/19 17:55	1
Toxaphene	5.9		5.0	0.19	ug/L		08/05/19 13:53	08/09/19 17:55	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		10 - 130				08/05/19 13:53	08/09/19 17:55	1
Tetrachloro-m-xylene	66		39 - 130				08/05/19 13:53	08/09/19 17:55	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-581517/10

Matrix: Water

Analysis Batch: 581517

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			08/09/19 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		08/09/19 12:04	1
1,2-Dichloroethane-d4 (Surr)	83		73 - 131		08/09/19 12:04	1
Dibromofluoromethane (Surr)	96		80 - 122		08/09/19 12:04	1
4-Bromofluorobenzene (Surr)	94		80 - 120		08/09/19 12:04	1

Lab Sample ID: LCS 680-581517/4

Matrix: Water

Analysis Batch: 581517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
Trichloroethene	50.0	48.8		ug/L		98	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	88		73 - 131
Dibromofluoromethane (Surr)	97		80 - 122
4-Bromofluorobenzene (Surr)	95		80 - 120

Lab Sample ID: LCSD 680-581517/5

Matrix: Water

Analysis Batch: 581517

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
Trichloroethene	50.0	49.5		ug/L		99	80 - 120	1

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	104		80 - 120
1,2-Dichloroethane-d4 (Surr)	85		73 - 131
Dibromofluoromethane (Surr)	98		80 - 122
4-Bromofluorobenzene (Surr)	97		80 - 120

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-580892/10-A

Matrix: Water

Analysis Batch: 581240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 580892

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		08/05/19 13:53	08/07/19 15:10	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		08/05/19 13:53	08/07/19 15:10	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		08/05/19 13:53	08/07/19 15:10	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		08/05/19 13:53	08/07/19 15:10	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		08/05/19 13:53	08/07/19 15:10	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		08/05/19 13:53	08/07/19 15:10	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-580892/10-A
Matrix: Water
Analysis Batch: 581240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 580892

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDT	0.013	U	0.013	0.0021	ug/L	08/05/19 13:53	08/07/19 15:10		1
delta-BHC	0.013	U	0.013	0.0033	ug/L	08/05/19 13:53	08/07/19 15:10		1
Dieldrin	0.013	U	0.013	0.0022	ug/L	08/05/19 13:53	08/07/19 15:10		1
Endosulfan I	0.013	U	0.013	0.0021	ug/L	08/05/19 13:53	08/07/19 15:10		1
Endosulfan II	0.013	U	0.013	0.0021	ug/L	08/05/19 13:53	08/07/19 15:10		1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L	08/05/19 13:53	08/07/19 15:10		1
Endrin	0.013	U	0.013	0.0022	ug/L	08/05/19 13:53	08/07/19 15:10		1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L	08/05/19 13:53	08/07/19 15:10		1
Endrin ketone	0.013	U	0.013	0.0022	ug/L	08/05/19 13:53	08/07/19 15:10		1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L	08/05/19 13:53	08/07/19 15:10		1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L	08/05/19 13:53	08/07/19 15:10		1
Heptachlor	0.013	U	0.013	0.0020	ug/L	08/05/19 13:53	08/07/19 15:10		1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L	08/05/19 13:53	08/07/19 15:10		1
Methoxychlor	0.013	U	0.013	0.0023	ug/L	08/05/19 13:53	08/07/19 15:10		1
Toxaphene	1.3	U	1.3	0.048	ug/L	08/05/19 13:53	08/07/19 15:10		1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	75		10 - 130	08/05/19 13:53	08/07/19 15:10	1
Tetrachloro-m-xylene	70		39 - 130	08/05/19 13:53	08/07/19 15:10	1

Lab Sample ID: LCS 680-580892/11-A
Matrix: Water
Analysis Batch: 581240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 580892

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
Aldrin	0.0250	0.0186		ug/L	74	48 - 130		
alpha-BHC	0.0250	0.0188		ug/L	75	45 - 130		
cis-Chlordane	0.0250	0.0206		ug/L	82	60 - 130		
beta-BHC	0.0250	0.0206		ug/L	82	50 - 130		
4,4'-DDD	0.0250	0.0218		ug/L	87	52 - 130		
4,4'-DDE	0.0250	0.0201		ug/L	80	48 - 130		
4,4'-DDT	0.0250	0.0210		ug/L	84	59 - 130		
delta-BHC	0.0250	0.0200		ug/L	80	47 - 140		
Dieldrin	0.0250	0.0206		ug/L	83	55 - 130		
Endosulfan I	0.0250	0.0194		ug/L	77	27 - 130		
Endosulfan II	0.0250	0.0206		ug/L	82	39 - 130		
Endosulfan sulfate	0.0250	0.0207		ug/L	83	57 - 130		
Endrin	0.0250	0.0204		ug/L	82	62 - 131		
Endrin aldehyde	0.0250	0.0226		ug/L	90	39 - 177		
Endrin ketone	0.0250	0.0216		ug/L	87	47 - 130		
gamma-BHC (Lindane)	0.0250	0.0189		ug/L	76	47 - 130		
trans-Chlordane	0.0250	0.0211		ug/L	84	50 - 145		
Heptachlor	0.0250	0.0177		ug/L	71	49 - 130		
Heptachlor epoxide	0.0250	0.0200		ug/L	80	54 - 130		
Methoxychlor	0.0250	0.0216		ug/L	86	53 - 130		

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-580892/11-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 581240

Prep Batch: 580892

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	61		10 - 130
Tetrachloro-m-xylene	66		39 - 130

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

GC/MS VOA

Analysis Batch: 581517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-172368-1	Effluent	Total/NA	Water	8260B	
680-172368-2	Carbon Drum A-3	Total/NA	Water	8260B	
680-172368-3	Carbon Drum B-3	Total/NA	Water	8260B	
680-172368-4	Influent	Total/NA	Water	8260B	
MB 680-581517/10	Method Blank	Total/NA	Water	8260B	
LCS 680-581517/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-581517/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 580892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-172368-1	Effluent	Total/NA	Water	3520C	
680-172368-2	Carbon Drum A-3	Total/NA	Water	3520C	
680-172368-3	Carbon Drum B-3	Total/NA	Water	3520C	
680-172368-4	Influent	Total/NA	Water	3520C	
MB 680-580892/10-A	Method Blank	Total/NA	Water	3520C	
LCS 680-580892/11-A	Lab Control Sample	Total/NA	Water	3520C	

Analysis Batch: 581240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-580892/10-A	Method Blank	Total/NA	Water	8081B/8082A	580892
LCS 680-580892/11-A	Lab Control Sample	Total/NA	Water	8081B/8082A	580892

Analysis Batch: 581581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-172368-1	Effluent	Total/NA	Water	8081B/8082A	580892
680-172368-2	Carbon Drum A-3	Total/NA	Water	8081B/8082A	580892
680-172368-3	Carbon Drum B-3	Total/NA	Water	8081B/8082A	580892
680-172368-4	Influent	Total/NA	Water	8081B/8082A	580892

Analysis Batch: 581736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-172368-3	Carbon Drum B-3	Total/NA	Water	8081B/8082A	580892
680-172368-4	Influent	Total/NA	Water	8081B/8082A	580892

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Client Sample ID: Effluent
Date Collected: 07/30/19 09:39
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	581517	08/09/19 19:25	Y1S	TAL SAV
Total/NA	Prep	3520C			580892	08/05/19 13:53	OO	TAL SAV
Total/NA	Analysis	8081B/8082A		1	581581	08/09/19 17:11	JCK	TAL SAV

Client Sample ID: Carbon Drum A-3
Date Collected: 07/30/19 09:48
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	581517	08/09/19 19:48	Y1S	TAL SAV
Total/NA	Prep	3520C			580892	08/05/19 13:53	OO	TAL SAV
Total/NA	Analysis	8081B/8082A		1	581581	08/09/19 17:26	JCK	TAL SAV

Client Sample ID: Carbon Drum B-3
Date Collected: 07/30/19 09:55
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	581517	08/09/19 16:43	Y1S	TAL SAV
Total/NA	Prep	3520C			580892	08/05/19 13:53	OO	TAL SAV
Total/NA	Analysis	8081B/8082A		10	581736	08/11/19 14:43	JCK	TAL SAV
Total/NA	Prep	3520C			580892	08/05/19 13:53	OO	TAL SAV
Total/NA	Analysis	8081B/8082A		1	581581	08/09/19 17:41	JCK	TAL SAV

Client Sample ID: Influent
Date Collected: 07/30/19 10:02
Date Received: 07/31/19 09:15

Lab Sample ID: 680-172368-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	581517	08/09/19 17:06	Y1S	TAL SAV
Total/NA	Prep	3520C			580892	08/05/19 13:53	OO	TAL SAV
Total/NA	Analysis	8081B/8082A		10	581736	08/11/19 14:57	JCK	TAL SAV
Total/NA	Prep	3520C			580892	08/05/19 13:53	OO	TAL SAV
Total/NA	Analysis	8081B/8082A		1	581581	08/09/19 17:55	JCK	TAL SAV

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-172368-1

Laboratory: Eurofins TestAmerica, Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
	AFCEE		SAVLAB	
Alabama	State Program	4	41450	06-30-20
Alaska	State Program	10		06-30-20
Alaska (UST)	State Program	10	UST-104	09-22-19
ANAB	DoD		L2463	09-22-19
ANAB	ISO/IEC 17025		L2463.01	09-22-19
Arizona	State Program	9	AZ0808	12-14-19
Arkansas DEQ	State Program	6	88-0692	02-01-20
California	State Program	9	2939	06-30-19 *
Colorado	State Program	8	N/A	12-31-19
Connecticut	State Program	1	PH-0161	03-31-21
Florida	NELAP	4	E87052	06-30-20
GA Dept. of Agriculture	State Program	4	N/A	06-12-20
Georgia	State Program	4	803	06-30-20
Guam	State Program	9	15-005r	04-17-20
Hawaii	State Program	9	N/A	06-30-20
Illinois	NELAP	5	200022	11-30-19
Indiana	State Program	5	N/A	06-30-20
Iowa	State Program	7	353	06-30-21
Kentucky (DW)	State Program	4	90084	12-31-19
Kentucky (UST)	State Program	4	18	06-30-20
Kentucky (WW)	State Program	4	90084	12-31-19
Louisiana	NELAP	6	30690	06-30-20
Louisiana (DW)	NELAP	6	LA160019	12-31-19
Maine	State Program	1	GA00006	09-25-20
Maryland	State Program	3	250	12-31-19
Massachusetts	State Program	1	M-GA006	06-30-20
Michigan	State Program	5	9925	06-30-20
Mississippi	State Program	4	N/A	06-30-20
Nebraska	State Program	7	TestAmerica-Savannah	06-30-20
New Jersey	NELAP	2	GA769	06-30-20
New Mexico	State Program	6	N/A	06-30-20
New York	NELAP	2	10842	04-01-20
North Carolina (DW)	State Program	4	13701	07-31-20
North Carolina (WW/SW)	State Program	4	269	12-31-19
Oklahoma	State Program	6	9984	08-31-19 *
Pennsylvania	NELAP	3	68-00474	06-30-20
Puerto Rico	State Program	2	GA00006	01-01-20
South Carolina	State Program	4	98001	06-30-19 *
Tennessee	State Program	4	TN02961	06-30-20
Texas	NELAP	6	T104704185-19-13	11-30-19
Texas (DW)	State Program	1	T104704185	06-30-20
Virginia	NELAP	3	460161	06-14-20
Washington	State Program	10	C805	06-10-20
West Virginia (DW)	State Program	3	9950C	12-31-19
West Virginia DEP	State Program	3	094	06-30-19 *
Wisconsin	State Program	5	999819810	08-31-19 *
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Savannah

Chain of Custody Record

302308

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TEL 8210-0713

www.ijerpi.org

Page 16 of 17

Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 680-172368-1

Login Number: 172368

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Laughlin, Paul D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing
TestAmerica

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ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-175721-1
Client Project/Site: Geigy Chemical Corp.

For:
EnviroTrac, Ltd.
7343 W. Friendly Avenue
Suite J
Greensboro, North Carolina 27410

Attn: Chris Hay

Willie Hallmon

Authorized for release by:
10/31/2019 3:10:25 PM
Willie Hallmon, Project Manager I
(813)885-7427
willie.hallmon@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Job ID: 680-175721-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: Geigy Chemical Corp.

Report Number: 680-175721-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 10/21/2019 8:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.1° C and 1.2° C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-16D (680-175721-15) and MW-17D (680-175721-16) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/29/2019.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-593404.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBs

Samples MW-32L (680-175721-1), MW-23D (680-175721-2), MW-31L (680-175721-3), MW-38L (680-175721-4), Duplicate-3 GW (680-175721-5), MW-39L (680-175721-6), MW-40L (680-175721-7), MW-37L (680-175721-8), MW-25L (680-175721-9), MW-26D (680-175721-10), MW-27L (680-175721-11), PZ-2 (680-175721-12), PZ-5 (680-175721-13) and PZ-3 (680-175721-14) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 10/22/2019 and 10/24/2019 and analyzed on 10/23/2019, 10/25/2019 and 10/30/2019.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

The following analyte recovered outside control limits for the LCSD associated with preparation batch 680-592292 and analytical batch 680-592558: Endrin ketone. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

The following analyte recovered outside control limits for the LCSD associated with preparation batch 680-592480 and analytical batch 680-593027: Endrin. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Samples MW-31L (680-175721-3)[5X], MW-40L (680-175721-7)[5X], MW-37L (680-175721-8)[5X], MW-25L (680-175721-9)[5X], MW-27L (680-175721-11)[5X] and PZ-5 (680-175721-13)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Job ID: 680-175721-1 (Continued)

Laboratory: Eurofins TestAmerica, Savannah (Continued)

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Sample Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID	
680-175721-1	MW-32L	Water	10/17/19 13:17	10/21/19 08:55		1
680-175721-2	MW-23D	Water	10/17/19 12:18	10/21/19 08:55		2
680-175721-3	MW-31L	Water	10/17/19 10:50	10/21/19 08:55		3
680-175721-4	MW-38L	Water	10/17/19 11:25	10/21/19 08:55		4
680-175721-5	Duplicate-3 GW	Water	10/17/19 10:15	10/21/19 08:55		5
680-175721-6	MW-39L	Water	10/17/19 10:14	10/21/19 08:55		6
680-175721-7	MW-40L	Water	10/17/19 13:55	10/21/19 08:55		7
680-175721-8	MW-37L	Water	10/17/19 14:27	10/21/19 08:55		8
680-175721-9	MW-25L	Water	10/17/19 15:02	10/21/19 08:55		9
680-175721-10	MW-26D	Water	10/17/19 15:32	10/21/19 08:55		10
680-175721-11	MW-27L	Water	10/17/19 16:35	10/21/19 08:55		11
680-175721-12	PZ-2	Water	10/16/19 16:32	10/21/19 08:55		12
680-175721-13	PZ-5	Water	10/16/19 17:05	10/21/19 08:55		
680-175721-14	PZ-3	Water	10/16/19 15:52	10/21/19 08:55		
680-175721-15	MW-16D	Water	10/16/19 11:32	10/21/19 08:55		
680-175721-16	MW-17D	Water	10/16/19 12:17	10/21/19 08:55		

Method Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-32L

Lab Sample ID: 680-175721-1

Date Collected: 10/17/19 13:17

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.052	U	0.052	0.0075	ug/L		10/24/19 14:37	10/25/19 21:16	1
alpha-BHC	0.052	U	0.052	0.0081	ug/L		10/24/19 14:37	10/25/19 21:16	1
cis-Chlordane	0.052	U	0.052	0.010	ug/L		10/24/19 14:37	10/25/19 21:16	1
beta-BHC	0.052	U	0.052	0.012	ug/L		10/24/19 14:37	10/25/19 21:16	1
4,4'-DDD	0.052	U	0.052	0.0080	ug/L		10/24/19 14:37	10/25/19 21:16	1
4,4'-DDE	0.052	U	0.052	0.0076	ug/L		10/24/19 14:37	10/25/19 21:16	1
4,4'-DDT	0.052	U	0.052	0.0088	ug/L		10/24/19 14:37	10/25/19 21:16	1
delta-BHC	0.052	U	0.052	0.013	ug/L		10/24/19 14:37	10/25/19 21:16	1
Dieldrin	0.052	U	0.052	0.0089	ug/L		10/24/19 14:37	10/25/19 21:16	1
Endosulfan I	0.052	U	0.052	0.0085	ug/L		10/24/19 14:37	10/25/19 21:16	1
Endosulfan II	0.052	U	0.052	0.0088	ug/L		10/24/19 14:37	10/25/19 21:16	1
Endosulfan sulfate	0.052	U	0.052	0.0086	ug/L		10/24/19 14:37	10/25/19 21:16	1
Endrin	0.052	U *	0.052	0.0091	ug/L		10/24/19 14:37	10/25/19 21:16	1
Endrin aldehyde	0.052	U	0.052	0.018	ug/L		10/24/19 14:37	10/25/19 21:16	1
Endrin ketone	0.052	U	0.052	0.0092	ug/L		10/24/19 14:37	10/25/19 21:16	1
gamma-BHC (Lindane)	0.052	U	0.052	0.0086	ug/L		10/24/19 14:37	10/25/19 21:16	1
trans-Chlordane	0.052	U	0.052	0.0088	ug/L		10/24/19 14:37	10/25/19 21:16	1
Heptachlor	0.052	U	0.052	0.0082	ug/L		10/24/19 14:37	10/25/19 21:16	1
Heptachlor epoxide	0.052	U	0.052	0.0084	ug/L		10/24/19 14:37	10/25/19 21:16	1
Methoxychlor	0.052	U	0.052	0.0096	ug/L		10/24/19 14:37	10/25/19 21:16	1
Toxaphene	5.2	U	5.2	0.20	ug/L		10/24/19 14:37	10/25/19 21:16	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68			10 - 130			10/24/19 14:37	10/25/19 21:16	1
Tetrachloro-m-xylene	67			39 - 130			10/24/19 14:37	10/25/19 21:16	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-23D
Date Collected: 10/17/19 12:18
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-2
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0073	ug/L		10/24/19 14:37	10/25/19 21:31	1
alpha-BHC	0.030	J	0.050	0.0078	ug/L		10/24/19 14:37	10/25/19 21:31	1
cis-Chlordane	0.050	U	0.050	0.010	ug/L		10/24/19 14:37	10/25/19 21:31	1
beta-BHC	0.033	J	0.050	0.012	ug/L		10/24/19 14:37	10/25/19 21:31	1
4,4'-DDD	0.050	U	0.050	0.0077	ug/L		10/24/19 14:37	10/25/19 21:31	1
4,4'-DDE	0.050	U	0.050	0.0074	ug/L		10/24/19 14:37	10/25/19 21:31	1
4,4'-DDT	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 21:31	1
delta-BHC	0.050	U	0.050	0.013	ug/L		10/24/19 14:37	10/25/19 21:31	1
Dieldrin	0.050	U	0.050	0.0086	ug/L		10/24/19 14:37	10/25/19 21:31	1
Endosulfan I	0.050	U	0.050	0.0082	ug/L		10/24/19 14:37	10/25/19 21:31	1
Endosulfan II	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 21:31	1
Endosulfan sulfate	0.050	U	0.050	0.0083	ug/L		10/24/19 14:37	10/25/19 21:31	1
Endrin	0.050	U *	0.050	0.0088	ug/L		10/24/19 14:37	10/25/19 21:31	1
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		10/24/19 14:37	10/25/19 21:31	1
Endrin ketone	0.050	U	0.050	0.0089	ug/L		10/24/19 14:37	10/25/19 21:31	1
gamma-BHC (Lindane)	0.019	J	0.050	0.0083	ug/L		10/24/19 14:37	10/25/19 21:31	1
trans-Chlordane	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 21:31	1
Heptachlor	0.050	U	0.050	0.0079	ug/L		10/24/19 14:37	10/25/19 21:31	1
Heptachlor epoxide	0.050	U	0.050	0.0081	ug/L		10/24/19 14:37	10/25/19 21:31	1
Methoxychlor	0.050	U	0.050	0.0093	ug/L		10/24/19 14:37	10/25/19 21:31	1
Toxaphene	5.0	U	5.0	0.19	ug/L		10/24/19 14:37	10/25/19 21:31	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81			10 - 130			10/24/19 14:37	10/25/19 21:31	1
Tetrachloro-m-xylene	79			39 - 130			10/24/19 14:37	10/25/19 21:31	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-31L

Lab Sample ID: 680-175721-3

Date Collected: 10/17/19 10:50

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/24/19 14:37	10/25/19 21:45	1
alpha-BHC	0.39		0.048	0.0074	ug/L		10/24/19 14:37	10/25/19 21:45	1
cis-Chlordane	0.048	U	0.048	0.0095	ug/L		10/24/19 14:37	10/25/19 21:45	1
beta-BHC	0.61		0.24	0.057	ug/L		10/24/19 14:37	10/30/19 19:30	5
4,4'-DDD	0.048	U	0.048	0.0073	ug/L		10/24/19 14:37	10/25/19 21:45	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/24/19 14:37	10/25/19 21:45	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 21:45	1
delta-BHC	0.62		0.24	0.062	ug/L		10/24/19 14:37	10/30/19 19:30	5
Dieldrin	0.031	J	0.048	0.0082	ug/L		10/24/19 14:37	10/25/19 21:45	1
Endosulfan I	0.048	U	0.048	0.0078	ug/L		10/24/19 14:37	10/25/19 21:45	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 21:45	1
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L		10/24/19 14:37	10/25/19 21:45	1
Endrin	0.013	J *	0.048	0.0084	ug/L		10/24/19 14:37	10/25/19 21:45	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/24/19 14:37	10/25/19 21:45	1
Endrin ketone	0.066	p	0.048	0.0085	ug/L		10/24/19 14:37	10/25/19 21:45	1
gamma-BHC (Lindane)	0.080		0.048	0.0079	ug/L		10/24/19 14:37	10/25/19 21:45	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 21:45	1
Heptachlor	0.048	U	0.048	0.0075	ug/L		10/24/19 14:37	10/25/19 21:45	1
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L		10/24/19 14:37	10/25/19 21:45	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/24/19 14:37	10/25/19 21:45	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/24/19 14:37	10/25/19 21:45	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81			10 - 130			10/24/19 14:37	10/25/19 21:45	1
Tetrachloro-m-xylene	105			39 - 130			10/24/19 14:37	10/25/19 21:45	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-38L

Lab Sample ID: 680-175721-4

Date Collected: 10/17/19 11:25

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/24/19 14:37	10/25/19 22:00	1
alpha-BHC	0.048	U	0.048	0.0075	ug/L		10/24/19 14:37	10/25/19 22:00	1
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		10/24/19 14:37	10/25/19 22:00	1
beta-BHC	0.048	U	0.048	0.011	ug/L		10/24/19 14:37	10/25/19 22:00	1
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/24/19 14:37	10/25/19 22:00	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/24/19 14:37	10/25/19 22:00	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 22:00	1
delta-BHC	0.048	U	0.048	0.012	ug/L		10/24/19 14:37	10/25/19 22:00	1
Dieldrin	0.023	J	0.048	0.0082	ug/L		10/24/19 14:37	10/25/19 22:00	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		10/24/19 14:37	10/25/19 22:00	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 22:00	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		10/24/19 14:37	10/25/19 22:00	1
Endrin	0.048	U *	0.048	0.0084	ug/L		10/24/19 14:37	10/25/19 22:00	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/24/19 14:37	10/25/19 22:00	1
Endrin ketone	0.048	U	0.048	0.0085	ug/L		10/24/19 14:37	10/25/19 22:00	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L		10/24/19 14:37	10/25/19 22:00	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 22:00	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/24/19 14:37	10/25/19 22:00	1
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L		10/24/19 14:37	10/25/19 22:00	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/24/19 14:37	10/25/19 22:00	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/24/19 14:37	10/25/19 22:00	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69			10 - 130			10/24/19 14:37	10/25/19 22:00	1
Tetrachloro-m-xylene	78			39 - 130			10/24/19 14:37	10/25/19 22:00	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: Duplicate-3 GW

Lab Sample ID: 680-175721-5

Matrix: Water

Date Collected: 10/17/19 10:15
Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0073	ug/L		10/24/19 14:37	10/25/19 22:14	1
alpha-BHC	0.050	U	0.050	0.0078	ug/L		10/24/19 14:37	10/25/19 22:14	1
cis-Chlordane	0.050	U	0.050	0.010	ug/L		10/24/19 14:37	10/25/19 22:14	1
beta-BHC	0.050	U	0.050	0.012	ug/L		10/24/19 14:37	10/25/19 22:14	1
4,4'-DDD	0.050	U	0.050	0.0077	ug/L		10/24/19 14:37	10/25/19 22:14	1
4,4'-DDE	0.050	U	0.050	0.0074	ug/L		10/24/19 14:37	10/25/19 22:14	1
4,4'-DDT	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 22:14	1
delta-BHC	0.050	U	0.050	0.013	ug/L		10/24/19 14:37	10/25/19 22:14	1
Dieldrin	0.050	U	0.050	0.0086	ug/L		10/24/19 14:37	10/25/19 22:14	1
Endosulfan I	0.050	U	0.050	0.0082	ug/L		10/24/19 14:37	10/25/19 22:14	1
Endosulfan II	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 22:14	1
Endosulfan sulfate	0.050	U	0.050	0.0083	ug/L		10/24/19 14:37	10/25/19 22:14	1
Endrin	0.050	U *	0.050	0.0088	ug/L		10/24/19 14:37	10/25/19 22:14	1
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		10/24/19 14:37	10/25/19 22:14	1
Endrin ketone	0.050	U	0.050	0.0089	ug/L		10/24/19 14:37	10/25/19 22:14	1
gamma-BHC (Lindane)	0.050	U	0.050	0.0083	ug/L		10/24/19 14:37	10/25/19 22:14	1
trans-Chlordane	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 22:14	1
Heptachlor	0.050	U	0.050	0.0079	ug/L		10/24/19 14:37	10/25/19 22:14	1
Heptachlor epoxide	0.050	U	0.050	0.0081	ug/L		10/24/19 14:37	10/25/19 22:14	1
Methoxychlor	0.050	U	0.050	0.0093	ug/L		10/24/19 14:37	10/25/19 22:14	1
Toxaphene	5.0	U	5.0	0.19	ug/L		10/24/19 14:37	10/25/19 22:14	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90			10 - 130			10/24/19 14:37	10/25/19 22:14	1
Tetrachloro-m-xylene	94			39 - 130			10/24/19 14:37	10/25/19 22:14	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-39L

Lab Sample ID: 680-175721-6

Date Collected: 10/17/19 10:14

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0073	ug/L		10/24/19 14:37	10/25/19 22:29	1
alpha-BHC	0.050	U	0.050	0.0078	ug/L		10/24/19 14:37	10/25/19 22:29	1
cis-Chlordane	0.050	U	0.050	0.010	ug/L		10/24/19 14:37	10/25/19 22:29	1
beta-BHC	0.050	U	0.050	0.012	ug/L		10/24/19 14:37	10/25/19 22:29	1
4,4'-DDD	0.050	U	0.050	0.0077	ug/L		10/24/19 14:37	10/25/19 22:29	1
4,4'-DDE	0.050	U	0.050	0.0074	ug/L		10/24/19 14:37	10/25/19 22:29	1
4,4'-DDT	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 22:29	1
delta-BHC	0.050	U	0.050	0.013	ug/L		10/24/19 14:37	10/25/19 22:29	1
Dieldrin	0.050	U	0.050	0.0086	ug/L		10/24/19 14:37	10/25/19 22:29	1
Endosulfan I	0.050	U	0.050	0.0082	ug/L		10/24/19 14:37	10/25/19 22:29	1
Endosulfan II	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 22:29	1
Endosulfan sulfate	0.050	U	0.050	0.0083	ug/L		10/24/19 14:37	10/25/19 22:29	1
Endrin	0.050	U *	0.050	0.0088	ug/L		10/24/19 14:37	10/25/19 22:29	1
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		10/24/19 14:37	10/25/19 22:29	1
Endrin ketone	0.050	U	0.050	0.0089	ug/L		10/24/19 14:37	10/25/19 22:29	1
gamma-BHC (Lindane)	0.050	U	0.050	0.0083	ug/L		10/24/19 14:37	10/25/19 22:29	1
trans-Chlordane	0.050	U	0.050	0.0085	ug/L		10/24/19 14:37	10/25/19 22:29	1
Heptachlor	0.050	U	0.050	0.0079	ug/L		10/24/19 14:37	10/25/19 22:29	1
Heptachlor epoxide	0.050	U	0.050	0.0081	ug/L		10/24/19 14:37	10/25/19 22:29	1
Methoxychlor	0.050	U	0.050	0.0093	ug/L		10/24/19 14:37	10/25/19 22:29	1
Toxaphene	5.0	U	5.0	0.19	ug/L		10/24/19 14:37	10/25/19 22:29	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85			10 - 130			10/24/19 14:37	10/25/19 22:29	1
Tetrachloro-m-xylene	83			39 - 130			10/24/19 14:37	10/25/19 22:29	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-40L

Lab Sample ID: 680-175721-7

Matrix: Water

Date Collected: 10/17/19 13:55

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/24/19 14:37	10/25/19 22:43	1
alpha-BHC	0.39		0.048	0.0075	ug/L		10/24/19 14:37	10/25/19 22:43	1
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		10/24/19 14:37	10/25/19 22:43	1
beta-BHC	0.58		0.24	0.058	ug/L		10/24/19 14:37	10/30/19 19:46	5
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/24/19 14:37	10/25/19 22:43	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/24/19 14:37	10/25/19 22:43	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		10/24/19 14:37	10/25/19 22:43	1
delta-BHC	0.75		0.24	0.063	ug/L		10/24/19 14:37	10/30/19 19:46	5
Dieldrin	0.017 J p		0.048	0.0083	ug/L		10/24/19 14:37	10/25/19 22:43	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		10/24/19 14:37	10/25/19 22:43	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		10/24/19 14:37	10/25/19 22:43	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		10/24/19 14:37	10/25/19 22:43	1
Endrin	0.048	U *	0.048	0.0085	ug/L		10/24/19 14:37	10/25/19 22:43	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/24/19 14:37	10/25/19 22:43	1
Endrin ketone	0.083		0.048	0.0086	ug/L		10/24/19 14:37	10/25/19 22:43	1
gamma-BHC (Lindane)	0.053		0.048	0.0080	ug/L		10/24/19 14:37	10/25/19 22:43	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L		10/24/19 14:37	10/25/19 22:43	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/24/19 14:37	10/25/19 22:43	1
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L		10/24/19 14:37	10/25/19 22:43	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/24/19 14:37	10/25/19 22:43	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/24/19 14:37	10/25/19 22:43	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87			10 - 130			10/24/19 14:37	10/25/19 22:43	1
Tetrachloro-m-xylene	95			39 - 130			10/24/19 14:37	10/25/19 22:43	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-37L

Lab Sample ID: 680-175721-8

Date Collected: 10/17/19 14:27

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/24/19 14:37	10/25/19 22:58	1
alpha-BHC	0.56		0.24	0.037	ug/L		10/24/19 14:37	10/30/19 20:02	5
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		10/24/19 14:37	10/25/19 22:58	1
beta-BHC	0.68		0.24	0.057	ug/L		10/24/19 14:37	10/30/19 20:02	5
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/24/19 14:37	10/25/19 22:58	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/24/19 14:37	10/25/19 22:58	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 22:58	1
delta-BHC	1.1		0.24	0.062	ug/L		10/24/19 14:37	10/30/19 20:02	5
Dieldrin	0.026	J	0.048	0.0082	ug/L		10/24/19 14:37	10/25/19 22:58	1
Endosulfan I	0.048	U	0.048	0.0078	ug/L		10/24/19 14:37	10/25/19 22:58	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 22:58	1
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L		10/24/19 14:37	10/25/19 22:58	1
Endrin	0.048	U *	0.048	0.0084	ug/L		10/24/19 14:37	10/25/19 22:58	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/24/19 14:37	10/25/19 22:58	1
Endrin ketone	0.075		0.048	0.0085	ug/L		10/24/19 14:37	10/25/19 22:58	1
gamma-BHC (Lindane)	0.14		0.048	0.0079	ug/L		10/24/19 14:37	10/25/19 22:58	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/24/19 14:37	10/25/19 22:58	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/24/19 14:37	10/25/19 22:58	1
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L		10/24/19 14:37	10/25/19 22:58	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/24/19 14:37	10/25/19 22:58	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/24/19 14:37	10/25/19 22:58	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87			10 - 130			10/24/19 14:37	10/25/19 22:58	1
Tetrachloro-m-xylene	93			39 - 130			10/24/19 14:37	10/25/19 22:58	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-25L

Lab Sample ID: 680-175721-9

Date Collected: 10/17/19 15:02

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.046	U	0.046	0.0067	ug/L		10/24/19 14:37	10/25/19 23:12	1
alpha-BHC	0.60		0.046	0.0072	ug/L		10/24/19 14:37	10/25/19 23:12	1
cis-Chlordane	0.046	U	0.046	0.0092	ug/L		10/24/19 14:37	10/25/19 23:12	1
beta-BHC	0.65		0.046	0.011	ug/L		10/24/19 14:37	10/25/19 23:12	1
4,4'-DDD	0.046	U	0.046	0.0071	ug/L		10/24/19 14:37	10/25/19 23:12	1
4,4'-DDE	0.046	U	0.046	0.0068	ug/L		10/24/19 14:37	10/25/19 23:12	1
4,4'-DDT	0.046	U	0.046	0.0078	ug/L		10/24/19 14:37	10/25/19 23:12	1
delta-BHC	0.68		0.23	0.060	ug/L		10/24/19 14:37	10/30/19 20:18	5
Dieldrin	0.012	J p	0.046	0.0079	ug/L		10/24/19 14:37	10/25/19 23:12	1
Endosulfan I	0.046	U	0.046	0.0075	ug/L		10/24/19 14:37	10/25/19 23:12	1
Endosulfan II	0.046	U	0.046	0.0078	ug/L		10/24/19 14:37	10/25/19 23:12	1
Endosulfan sulfate	0.046	U	0.046	0.0076	ug/L		10/24/19 14:37	10/25/19 23:12	1
Endrin	0.046	U *	0.046	0.0081	ug/L		10/24/19 14:37	10/25/19 23:12	1
Endrin aldehyde	0.046	U	0.046	0.016	ug/L		10/24/19 14:37	10/25/19 23:12	1
Endrin ketone	0.033	J p	0.046	0.0082	ug/L		10/24/19 14:37	10/25/19 23:12	1
gamma-BHC (Lindane)	0.11		0.046	0.0076	ug/L		10/24/19 14:37	10/25/19 23:12	1
trans-Chlordane	0.046	U	0.046	0.0078	ug/L		10/24/19 14:37	10/25/19 23:12	1
Heptachlor	0.046	U	0.046	0.0073	ug/L		10/24/19 14:37	10/25/19 23:12	1
Heptachlor epoxide	0.046	U	0.046	0.0075	ug/L		10/24/19 14:37	10/25/19 23:12	1
Methoxychlor	0.046	U	0.046	0.0086	ug/L		10/24/19 14:37	10/25/19 23:12	1
Toxaphene	4.6	U	4.6	0.17	ug/L		10/24/19 14:37	10/25/19 23:12	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79			10 - 130			10/24/19 14:37	10/25/19 23:12	1
Tetrachloro-m-xylene	91			39 - 130			10/24/19 14:37	10/25/19 23:12	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-26D
Date Collected: 10/17/19 15:32
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-10
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U	0.049	0.0072	ug/L		10/24/19 14:37	10/25/19 23:27	1
alpha-BHC	0.049	U	0.049	0.0077	ug/L		10/24/19 14:37	10/25/19 23:27	1
cis-Chlordane	0.019	J	0.049	0.0098	ug/L		10/24/19 14:37	10/25/19 23:27	1
beta-BHC	0.049	U	0.049	0.012	ug/L		10/24/19 14:37	10/25/19 23:27	1
4,4'-DDD	0.049	U	0.049	0.0076	ug/L		10/24/19 14:37	10/25/19 23:27	1
4,4'-DDE	0.049	U	0.049	0.0073	ug/L		10/24/19 14:37	10/25/19 23:27	1
4,4'-DDT	0.049	U	0.049	0.0083	ug/L		10/24/19 14:37	10/25/19 23:27	1
delta-BHC	0.049	U	0.049	0.013	ug/L		10/24/19 14:37	10/25/19 23:27	1
Dieldrin	0.049	U	0.049	0.0084	ug/L		10/24/19 14:37	10/25/19 23:27	1
Endosulfan I	0.049	U	0.049	0.0080	ug/L		10/24/19 14:37	10/25/19 23:27	1
Endosulfan II	0.049	U	0.049	0.0083	ug/L		10/24/19 14:37	10/25/19 23:27	1
Endosulfan sulfate	0.049	U	0.049	0.0081	ug/L		10/24/19 14:37	10/25/19 23:27	1
Endrin	0.14	*	0.049	0.0086	ug/L		10/24/19 14:37	10/25/19 23:27	1
Endrin aldehyde	0.049	U	0.049	0.017	ug/L		10/24/19 14:37	10/25/19 23:27	1
Endrin ketone	0.10	p	0.049	0.0087	ug/L		10/24/19 14:37	10/25/19 23:27	1
gamma-BHC (Lindane)	0.020	J	0.049	0.0081	ug/L		10/24/19 14:37	10/25/19 23:27	1
trans-Chlordane	0.013	J	0.049	0.0083	ug/L		10/24/19 14:37	10/25/19 23:27	1
Heptachlor	0.049	U	0.049	0.0078	ug/L		10/24/19 14:37	10/25/19 23:27	1
Heptachlor epoxide	0.0083	J p	0.049	0.0079	ug/L		10/24/19 14:37	10/25/19 23:27	1
Methoxychlor	0.049	U	0.049	0.0091	ug/L		10/24/19 14:37	10/25/19 23:27	1
Toxaphene	4.9	U	4.9	0.19	ug/L		10/24/19 14:37	10/25/19 23:27	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88			10 - 130			10/24/19 14:37	10/25/19 23:27	1
Tetrachloro-m-xylene	87			39 - 130			10/24/19 14:37	10/25/19 23:27	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-27L

Lab Sample ID: 680-175721-11

Date Collected: 10/17/19 16:35

Matrix: Water

Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.047	U		0.0069	ug/L		10/24/19 14:37	10/25/19 23:41	1
alpha-BHC	0.59		0.24	0.037	ug/L		10/24/19 14:37	10/30/19 20:34	5
cis-Chlordane	0.047	U		0.0094	ug/L		10/24/19 14:37	10/25/19 23:41	1
beta-BHC	1.3		0.24	0.056	ug/L		10/24/19 14:37	10/30/19 20:34	5
4,4'-DDD	0.047	U		0.0072	ug/L		10/24/19 14:37	10/25/19 23:41	1
4,4'-DDE	0.047	U		0.0070	ug/L		10/24/19 14:37	10/25/19 23:41	1
4,4'-DDT	0.047	U		0.0080	ug/L		10/24/19 14:37	10/25/19 23:41	1
delta-BHC	1.0		0.24	0.061	ug/L		10/24/19 14:37	10/30/19 20:34	5
Dieldrin	0.088		0.047	0.0081	ug/L		10/24/19 14:37	10/25/19 23:41	1
Endosulfan I	0.047	U		0.0077	ug/L		10/24/19 14:37	10/25/19 23:41	1
Endosulfan II	0.047	U		0.0080	ug/L		10/24/19 14:37	10/25/19 23:41	1
Endosulfan sulfate	0.047	U		0.0078	ug/L		10/24/19 14:37	10/25/19 23:41	1
Endrin	0.047	U *		0.0083	ug/L		10/24/19 14:37	10/25/19 23:41	1
Endrin aldehyde	0.047	U		0.016	ug/L		10/24/19 14:37	10/25/19 23:41	1
Endrin ketone	0.22		0.047	0.0084	ug/L		10/24/19 14:37	10/25/19 23:41	1
gamma-BHC (Lindane)	0.16		0.047	0.0078	ug/L		10/24/19 14:37	10/25/19 23:41	1
trans-Chlordane	0.047	U		0.0080	ug/L		10/24/19 14:37	10/25/19 23:41	1
Heptachlor	0.047	U		0.0074	ug/L		10/24/19 14:37	10/25/19 23:41	1
Heptachlor epoxide	0.047	U		0.0076	ug/L		10/24/19 14:37	10/25/19 23:41	1
Methoxychlor	0.047	U		0.0087	ug/L		10/24/19 14:37	10/25/19 23:41	1
Toxaphene	4.7	U		0.18	ug/L		10/24/19 14:37	10/25/19 23:41	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79			10 - 130			10/24/19 14:37	10/25/19 23:41	1
Tetrachloro-m-xylene	91			39 - 130			10/24/19 14:37	10/25/19 23:41	1

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Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: PZ-2

Date Collected: 10/16/19 16:32
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-12

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.053	U	0.053	0.0077	ug/L		10/22/19 14:05	10/23/19 20:34	1
alpha-BHC	0.34		0.053	0.0083	ug/L		10/22/19 14:05	10/23/19 20:34	1
cis-Chlordane	0.053	U	0.053	0.011	ug/L		10/22/19 14:05	10/23/19 20:34	1
beta-BHC	0.20		0.053	0.013	ug/L		10/22/19 14:05	10/23/19 20:34	1
4,4'-DDD	0.053	U	0.053	0.0081	ug/L		10/22/19 14:05	10/23/19 20:34	1
4,4'-DDE	0.053	U	0.053	0.0078	ug/L		10/22/19 14:05	10/23/19 20:34	1
4,4'-DDT	0.053	U	0.053	0.0090	ug/L		10/22/19 14:05	10/23/19 20:34	1
delta-BHC	0.22		0.053	0.014	ug/L		10/22/19 14:05	10/23/19 20:34	1
Dieldrin	0.024	J	0.053	0.0091	ug/L		10/22/19 14:05	10/23/19 20:34	1
Endosulfan I	0.053	U	0.053	0.0087	ug/L		10/22/19 14:05	10/23/19 20:34	1
Endosulfan II	0.053	U	0.053	0.0090	ug/L		10/22/19 14:05	10/23/19 20:34	1
Endosulfan sulfate	0.053	U	0.053	0.0088	ug/L		10/22/19 14:05	10/23/19 20:34	1
Endrin	0.053	U	0.053	0.0093	ug/L		10/22/19 14:05	10/23/19 20:34	1
Endrin aldehyde	0.053	U	0.053	0.018	ug/L		10/22/19 14:05	10/23/19 20:34	1
Endrin ketone	0.018	J *	0.053	0.0094	ug/L		10/22/19 14:05	10/23/19 20:34	1
gamma-BHC (Lindane)	0.26		0.053	0.0088	ug/L		10/22/19 14:05	10/23/19 20:34	1
trans-Chlordane	0.053	U	0.053	0.0090	ug/L		10/22/19 14:05	10/23/19 20:34	1
Heptachlor	0.053	U	0.053	0.0084	ug/L		10/22/19 14:05	10/23/19 20:34	1
Heptachlor epoxide	0.053	U	0.053	0.0086	ug/L		10/22/19 14:05	10/23/19 20:34	1
Methoxychlor	0.053	U	0.053	0.0098	ug/L		10/22/19 14:05	10/23/19 20:34	1
Toxaphene	5.3	U		5.3	ug/L		10/22/19 14:05	10/23/19 20:34	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61			10 - 130			10/22/19 14:05	10/23/19 20:34	1
Tetrachloro-m-xylene	85			39 - 130			10/22/19 14:05	10/23/19 20:34	1

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Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: PZ-5

Date Collected: 10/16/19 17:05

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-13

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.046	U	0.046	0.0068	ug/L		10/22/19 14:05	10/23/19 20:49	1
alpha-BHC	0.53		0.23	0.036	ug/L		10/22/19 14:05	10/30/19 19:34	5
cis-Chlordane	0.046	U	0.046	0.0093	ug/L		10/22/19 14:05	10/23/19 20:49	1
beta-BHC	0.38		0.046	0.011	ug/L		10/22/19 14:05	10/23/19 20:49	1
4,4'-DDD	0.046	U	0.046	0.0071	ug/L		10/22/19 14:05	10/23/19 20:49	1
4,4'-DDE	0.046	U	0.046	0.0069	ug/L		10/22/19 14:05	10/23/19 20:49	1
4,4'-DDT	0.046	U	0.046	0.0079	ug/L		10/22/19 14:05	10/23/19 20:49	1
delta-BHC	0.48		0.046	0.012	ug/L		10/22/19 14:05	10/23/19 20:49	1
Dieldrin	0.0090	J	0.046	0.0080	ug/L		10/22/19 14:05	10/23/19 20:49	1
Endosulfan I	0.046	U	0.046	0.0076	ug/L		10/22/19 14:05	10/23/19 20:49	1
Endosulfan II	0.046	U	0.046	0.0079	ug/L		10/22/19 14:05	10/23/19 20:49	1
Endosulfan sulfate	0.046	U	0.046	0.0077	ug/L		10/22/19 14:05	10/23/19 20:49	1
Endrin	0.046	U	0.046	0.0082	ug/L		10/22/19 14:05	10/23/19 20:49	1
Endrin aldehyde	0.046	U	0.046	0.016	ug/L		10/22/19 14:05	10/23/19 20:49	1
Endrin ketone	0.026	J	0.046	0.0082	ug/L		10/22/19 14:05	10/23/19 20:49	1
gamma-BHC (Lindane)	0.11		0.046	0.0077	ug/L		10/22/19 14:05	10/23/19 20:49	1
trans-Chlordane	0.046	U	0.046	0.0079	ug/L		10/22/19 14:05	10/23/19 20:49	1
Heptachlor	0.046	U	0.046	0.0073	ug/L		10/22/19 14:05	10/23/19 20:49	1
Heptachlor epoxide	0.046	U	0.046	0.0075	ug/L		10/22/19 14:05	10/23/19 20:49	1
Methoxychlor	0.046	U	0.046	0.0086	ug/L		10/22/19 14:05	10/23/19 20:49	1
Toxaphene	4.6	U	4.6	0.18	ug/L		10/22/19 14:05	10/23/19 20:49	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50			10 - 130			10/22/19 14:05	10/23/19 20:49	1
Tetrachloro-m-xylene	87			39 - 130			10/22/19 14:05	10/23/19 20:49	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: PZ-3

Lab Sample ID: 680-175721-14

Matrix: Water

Date Collected: 10/16/19 15:52
Date Received: 10/21/19 08:55

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.051	U	0.051	0.0075	ug/L		10/22/19 14:05	10/23/19 21:03	1
alpha-BHC	0.21		0.051	0.0080	ug/L		10/22/19 14:05	10/23/19 21:03	1
cis-Chlordane	0.051	U	0.051	0.010	ug/L		10/22/19 14:05	10/23/19 21:03	1
beta-BHC	0.086		0.051	0.012	ug/L		10/22/19 14:05	10/23/19 21:03	1
4,4'-DDD	0.051	U	0.051	0.0079	ug/L		10/22/19 14:05	10/23/19 21:03	1
4,4'-DDE	0.051	U	0.051	0.0076	ug/L		10/22/19 14:05	10/23/19 21:03	1
4,4'-DDT	0.051	U	0.051	0.0087	ug/L		10/22/19 14:05	10/23/19 21:03	1
delta-BHC	0.13		0.051	0.013	ug/L		10/22/19 14:05	10/23/19 21:03	1
Dieldrin	0.051	U	0.051	0.0088	ug/L		10/22/19 14:05	10/23/19 21:03	1
Endosulfan I	0.051	U	0.051	0.0084	ug/L		10/22/19 14:05	10/23/19 21:03	1
Endosulfan II	0.051	U	0.051	0.0087	ug/L		10/22/19 14:05	10/23/19 21:03	1
Endosulfan sulfate	0.051	U	0.051	0.0085	ug/L		10/22/19 14:05	10/23/19 21:03	1
Endrin	0.051	U	0.051	0.0090	ug/L		10/22/19 14:05	10/23/19 21:03	1
Endrin aldehyde	0.051	U	0.051	0.017	ug/L		10/22/19 14:05	10/23/19 21:03	1
Endrin ketone	0.051	U *	0.051	0.0091	ug/L		10/22/19 14:05	10/23/19 21:03	1
gamma-BHC (Lindane)	0.14		0.051	0.0085	ug/L		10/22/19 14:05	10/23/19 21:03	1
trans-Chlordane	0.051	U	0.051	0.0087	ug/L		10/22/19 14:05	10/23/19 21:03	1
Heptachlor	0.051	U	0.051	0.0081	ug/L		10/22/19 14:05	10/23/19 21:03	1
Heptachlor epoxide	0.051	U	0.051	0.0083	ug/L		10/22/19 14:05	10/23/19 21:03	1
Methoxychlor	0.051	U	0.051	0.0095	ug/L		10/22/19 14:05	10/23/19 21:03	1
Toxaphene	5.1	U	5.1	0.19	ug/L		10/22/19 14:05	10/23/19 21:03	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58			10 - 130			10/22/19 14:05	10/23/19 21:03	1
Tetrachloro-m-xylene	80			39 - 130			10/22/19 14:05	10/23/19 21:03	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-16D
Date Collected: 10/16/19 11:32
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	60		1.0	0.48	ug/L			10/29/19 20:32	1
Surrogate									
Toluene-d8 (Surr)	105		80 - 120				Prepared	10/29/19 20:32	1
1,2-Dichloroethane-d4 (Surr)	114		73 - 131					10/29/19 20:32	1
Dibromofluoromethane (Surr)	111		80 - 122					10/29/19 20:32	1
4-Bromofluorobenzene (Surr)	86		80 - 120					10/29/19 20:32	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-17D
Date Collected: 10/16/19 12:17
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	82		1.0	0.48	ug/L			10/29/19 20:12	1
<hr/>									
Surrogate									
Toluene-d8 (Surr)	101		80 - 120				Prepared	10/29/19 20:12	1
1,2-Dichloroethane-d4 (Surr)	96		73 - 131					10/29/19 20:12	1
Dibromofluoromethane (Surr)	102		80 - 122					10/29/19 20:12	1
4-Bromofluorobenzene (Surr)	99		80 - 120					10/29/19 20:12	1

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-593404/9

Matrix: Water

Analysis Batch: 593404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/29/19 13:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120		10/29/19 13:54	1
1,2-Dichloroethane-d4 (Surr)	109		73 - 131		10/29/19 13:54	1
Dibromofluoromethane (Surr)	110		80 - 122		10/29/19 13:54	1
4-Bromofluorobenzene (Surr)	94		80 - 120		10/29/19 13:54	1

Lab Sample ID: LCS 680-593404/3

Matrix: Water

Analysis Batch: 593404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	11
				ug/L		Limits	
Trichloroethene	50.0	57.3		ug/L		115	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		10/29/19 13:54	1
1,2-Dichloroethane-d4 (Surr)	112		73 - 131		10/29/19 13:54	1
Dibromofluoromethane (Surr)	113		80 - 122		10/29/19 13:54	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/29/19 13:54	1

Lab Sample ID: LCSD 680-593404/4

Matrix: Water

Analysis Batch: 593404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	12	RPD
				ug/L		Limits		Limit
Trichloroethene	50.0	56.7		ug/L		113	80 - 120	1

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		10/29/19 13:54	1
1,2-Dichloroethane-d4 (Surr)	111		73 - 131		10/29/19 13:54	1
Dibromofluoromethane (Surr)	112		80 - 122		10/29/19 13:54	1
4-Bromofluorobenzene (Surr)	94		80 - 120		10/29/19 13:54	1

Lab Sample ID: MB 680-593421/9

Matrix: Water

Analysis Batch: 593421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/29/19 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		10/29/19 13:15	1
1,2-Dichloroethane-d4 (Surr)	97		73 - 131		10/29/19 13:15	1
Dibromofluoromethane (Surr)	101		80 - 122		10/29/19 13:15	1
4-Bromofluorobenzene (Surr)	103		80 - 120		10/29/19 13:15	1

Client Sample ID: Method Blank
Prep Type: Total/NA

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-593421/3

Matrix: Water

Analysis Batch: 593421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	50.0	51.0		ug/L	102		80 - 120
Surrogate	%Recovery	LCS	LCS				
Toluene-d8 (Surr)	103			80 - 120			
1,2-Dichloroethane-d4 (Surr)	97			73 - 131			
Dibromofluoromethane (Surr)	98			80 - 122			
4-Bromofluorobenzene (Surr)	103			80 - 120			

Lab Sample ID: LCSD 680-593421/4

Matrix: Water

Analysis Batch: 593421

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	50.0	50.9		ug/L	102		80 - 120	0	20

Surrogate	%Recovery	LCSD	LCSD	Limits
Toluene-d8 (Surr)	103			80 - 120
1,2-Dichloroethane-d4 (Surr)	99			73 - 131
Dibromofluoromethane (Surr)	100			80 - 122
4-Bromofluorobenzene (Surr)	102			80 - 120

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-592292/16-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Method Blank
Prep Type: Total/NA

Prep Batch: 592292

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		10/22/19 14:05	10/23/19 17:01	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		10/22/19 14:05	10/23/19 17:01	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDT	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
delta-BHC	0.013	U	0.013	0.0033	ug/L		10/22/19 14:05	10/23/19 17:01	1
Dieldrin	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endosulfan I	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endosulfan II	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endrin	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endrin ketone	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Heptachlor	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-592292/16-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592292

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methoxychlor	0.013	U	0.013	0.0023	ug/L		10/22/19 14:05	10/23/19 17:01	1
Toxaphene	1.3	U	1.3	0.048	ug/L		10/22/19 14:05	10/23/19 17:01	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	62		10 - 130			10/22/19 14:05	10/23/19 17:01	1
Tetrachloro-m-xylene	92		39 - 130			10/22/19 14:05	10/23/19 17:01	1

Lab Sample ID: LCS 680-592292/17-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 592292

Analyte	Spike	LCS	LCS	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier				
Aldrin	0.0250	0.0271		ug/L	109	48 - 130	
alpha-BHC	0.0250	0.0307		ug/L	123	45 - 130	
cis-Chlordane	0.0250	0.0282		ug/L	113	60 - 130	
beta-BHC	0.0250	0.0278		ug/L	111	50 - 130	
4,4'-DDD	0.0250	0.0322		ug/L	129	52 - 130	
4,4'-DDE	0.0250	0.0281		ug/L	113	48 - 130	
4,4'-DDT	0.0250	0.0284		ug/L	113	59 - 130	
delta-BHC	0.0250	0.0284		ug/L	114	47 - 140	
Dieldrin	0.0250	0.0292		ug/L	117	55 - 130	
Endosulfan I	0.0250	0.0235		ug/L	94	27 - 130	
Endosulfan II	0.0250	0.0258		ug/L	103	39 - 130	
Endosulfan sulfate	0.0250	0.0300		ug/L	120	57 - 130	
Endrin	0.0250	0.0291		ug/L	116	62 - 131	
Endrin aldehyde	0.0250	0.0272		ug/L	109	39 - 177	
Endrin ketone	0.0250	0.0333	*	ug/L	133	47 - 130	
gamma-BHC (Lindane)	0.0250	0.0292		ug/L	117	47 - 130	
trans-Chlordane	0.0250	0.0324		ug/L	130	50 - 145	
Heptachlor	0.0250	0.0263		ug/L	105	49 - 130	
Heptachlor epoxide	0.0250	0.0283		ug/L	113	54 - 130	
Methoxychlor	0.0250	0.0287		ug/L	115	53 - 130	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Result	Qualifier			
DCB Decachlorobiphenyl	71		10 - 130		
Tetrachloro-m-xylene	99		39 - 130		

Lab Sample ID: LCSD 680-592292/18-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 592292

Analyte	Spike	LCSD	LCSD	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier					
Aldrin	0.0250	0.0229		ug/L	92	48 - 130	17	40
alpha-BHC	0.0250	0.0265		ug/L	106	45 - 130	15	30
cis-Chlordane	0.0250	0.0246		ug/L	98	60 - 130	14	50
beta-BHC	0.0250	0.0243		ug/L	97	50 - 130	14	40
4,4'-DDD	0.0250	0.0276		ug/L	111	52 - 130	15	40

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCSD 680-592292/18-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 592292

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
4,4'-DDE	0.0250	0.0246		ug/L		98	48 - 130	13	30
4,4'-DDT	0.0250	0.0275		ug/L		110	59 - 130	3	40
delta-BHC	0.0250	0.0252		ug/L		101	47 - 140	12	30
Dieldrin	0.0250	0.0261		ug/L		105	55 - 130	11	30
Endosulfan I	0.0250	0.0208		ug/L		83	27 - 130	13	30
Endosulfan II	0.0250	0.0234		ug/L		94	39 - 130	10	30
Endosulfan sulfate	0.0250	0.0274		ug/L		110	57 - 130	9	40
Endrin	0.0250	0.0259		ug/L		104	62 - 131	11	30
Endrin aldehyde	0.0250	0.0259		ug/L		103	39 - 177	5	40
Endrin ketone	0.0250	0.0301		ug/L		121	47 - 130	10	40
gamma-BHC (Lindane)	0.0250	0.0252		ug/L		101	47 - 130	15	30
trans-Chlordane	0.0250	0.0302		ug/L		121	50 - 145	7	50
Heptachlor	0.0250	0.0225		ug/L		90	49 - 130	15	30
Heptachlor epoxide	0.0250	0.0250		ug/L		100	54 - 130	12	40
Methoxychlor	0.0250	0.0267		ug/L		107	53 - 130	7	40

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	71		10 - 130
Tetrachloro-m-xylene	83		39 - 130

Lab Sample ID: MB 680-592480/12-A

Matrix: Water

Analysis Batch: 593027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		10/24/19 14:37	10/25/19 20:33	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		10/24/19 14:37	10/25/19 20:33	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		10/24/19 14:37	10/25/19 20:33	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		10/24/19 14:37	10/25/19 20:33	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		10/24/19 14:37	10/25/19 20:33	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		10/24/19 14:37	10/25/19 20:33	1
4,4'-DDT	0.013	U	0.013	0.0021	ug/L		10/24/19 14:37	10/25/19 20:33	1
delta-BHC	0.013	U	0.013	0.0033	ug/L		10/24/19 14:37	10/25/19 20:33	1
Dieldrin	0.013	U	0.013	0.0022	ug/L		10/24/19 14:37	10/25/19 20:33	1
Endosulfan I	0.013	U	0.013	0.0021	ug/L		10/24/19 14:37	10/25/19 20:33	1
Endosulfan II	0.013	U	0.013	0.0021	ug/L		10/24/19 14:37	10/25/19 20:33	1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L		10/24/19 14:37	10/25/19 20:33	1
Endrin	0.013	U	0.013	0.0022	ug/L		10/24/19 14:37	10/25/19 20:33	1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L		10/24/19 14:37	10/25/19 20:33	1
Endrin ketone	0.013	U	0.013	0.0022	ug/L		10/24/19 14:37	10/25/19 20:33	1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L		10/24/19 14:37	10/25/19 20:33	1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L		10/24/19 14:37	10/25/19 20:33	1
Heptachlor	0.013	U	0.013	0.0020	ug/L		10/24/19 14:37	10/25/19 20:33	1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L		10/24/19 14:37	10/25/19 20:33	1
Methoxychlor	0.013	U	0.013	0.0023	ug/L		10/24/19 14:37	10/25/19 20:33	1
Toxaphene	1.3	U	1.3	0.048	ug/L		10/24/19 14:37	10/25/19 20:33	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-592480/12-A

Matrix: Water

Analysis Batch: 593027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592480

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	69	10 - 130						
DCB Decachlorobiphenyl	69	10 - 130						
Tetrachloro-m-xylene	118	39 - 130						

Lab Sample ID: LCS 680-592480/13-A

Matrix: Water

Analysis Batch: 593027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 592480

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier					
Aldrin	0.0250	0.0209		ug/L		83	48 - 130	
alpha-BHC	0.0250	0.0236		ug/L		95	45 - 130	
cis-Chlordane	0.0250	0.0232		ug/L		93	60 - 130	
beta-BHC	0.0250	0.0238		ug/L		95	50 - 130	
4,4'-DDD	0.0250	0.0248		ug/L		99	52 - 130	
4,4'-DDE	0.0250	0.0229		ug/L		92	48 - 130	
4,4'-DDT	0.0250	0.0263		ug/L		105	59 - 130	
delta-BHC	0.0250	0.0252		ug/L		101	47 - 140	
Dieldrin	0.0250	0.0242		ug/L		97	55 - 130	
Endosulfan I	0.0250	0.0191		ug/L		76	27 - 130	
Endosulfan II	0.0250	0.0216		ug/L		86	39 - 130	
Endosulfan sulfate	0.0250	0.0252		ug/L		101	57 - 130	
Endrin	0.0250	0.0258		ug/L		103	62 - 131	
Endrin aldehyde	0.0250	0.0270		ug/L		108	39 - 177	
Endrin ketone	0.0250	0.0317		ug/L		127	47 - 130	
gamma-BHC (Lindane)	0.0250	0.0228		ug/L		91	47 - 130	
trans-Chlordane	0.0250	0.0245		ug/L		98	50 - 145	
Heptachlor	0.0250	0.0212		ug/L		85	49 - 130	
Heptachlor epoxide	0.0250	0.0232		ug/L		93	54 - 130	
Methoxychlor	0.0250	0.0271		ug/L		109	53 - 130	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Added	Result			
DCB Decachlorobiphenyl	82	10 - 130			
Tetrachloro-m-xylene	89	39 - 130			

Lab Sample ID: LCSD 680-592480/14-A

Matrix: Water

Analysis Batch: 593027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 592480

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier						
Aldrin	0.0250	0.0230		ug/L		92	48 - 130	10	40
alpha-BHC	0.0250	0.0258		ug/L		103	45 - 130	9	30
cis-Chlordane	0.0250	0.0263		ug/L		105	60 - 130	13	50
beta-BHC	0.0250	0.0257		ug/L		103	50 - 130	8	40
4,4'-DDD	0.0250	0.0290		ug/L		116	52 - 130	16	40
4,4'-DDE	0.0250	0.0261		ug/L		104	48 - 130	13	30
4,4'-DDT	0.0250	0.0278		ug/L		111	59 - 130	6	40
delta-BHC	0.0250	0.0292		ug/L		117	47 - 140	15	30
Dieldrin	0.0250	0.0290		ug/L		116	55 - 130	18	30

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCSD 680-592480/14-A

Matrix: Water

Analysis Batch: 593027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 592480

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
Endosulfan I	0.0250	0.0217		ug/L		87	27 - 130	13	30
Endosulfan II	0.0250	0.0240		ug/L		96	39 - 130	11	30
Endosulfan sulfate	0.0250	0.0279		ug/L		111	57 - 130	10	40
Endrin	0.0250	0.0366	*	ug/L		146	62 - 131	34	30
Endrin aldehyde	0.0250	0.0304		ug/L		121	39 - 177	12	40
Endrin ketone	0.0250	0.0246	p	ug/L		98	47 - 130	25	40
gamma-BHC (Lindane)	0.0250	0.0247		ug/L		99	47 - 130	8	30
trans-Chlordane	0.0250	0.0271		ug/L		108	50 - 145	10	50
Heptachlor	0.0250	0.0230		ug/L		92	49 - 130	8	30
Heptachlor epoxide	0.0250	0.0260		ug/L		104	54 - 130	12	40
Methoxychlor	0.0250	0.0308		ug/L		123	53 - 130	13	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	54		10 - 130
Tetrachloro-m-xylene	93		39 - 130

Eurofins TestAmerica, Savannah

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

GC/MS VOA

Analysis Batch: 593404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-15	MW-16D	Total/NA	Water	8260B	
MB 680-593404/9	Method Blank	Total/NA	Water	8260B	
LCS 680-593404/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-593404/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 593421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-16	MW-17D	Total/NA	Water	8260B	
MB 680-593421/9	Method Blank	Total/NA	Water	8260B	
LCS 680-593421/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-593421/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 592292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-12	PZ-2	Total/NA	Water	3520C	
680-175721-13	PZ-5	Total/NA	Water	3520C	
680-175721-14	PZ-3	Total/NA	Water	3520C	
MB 680-592292/16-A	Method Blank	Total/NA	Water	3520C	
LCS 680-592292/17-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-592292/18-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Prep Batch: 592480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-1	MW-32L	Total/NA	Water	3520C	
680-175721-2	MW-23D	Total/NA	Water	3520C	
680-175721-3	MW-31L	Total/NA	Water	3520C	
680-175721-4	MW-38L	Total/NA	Water	3520C	
680-175721-5	Duplicate-3 GW	Total/NA	Water	3520C	
680-175721-6	MW-39L	Total/NA	Water	3520C	
680-175721-7	MW-40L	Total/NA	Water	3520C	
680-175721-8	MW-37L	Total/NA	Water	3520C	
680-175721-9	MW-25L	Total/NA	Water	3520C	
680-175721-10	MW-26D	Total/NA	Water	3520C	
680-175721-11	MW-27L	Total/NA	Water	3520C	
MB 680-592480/12-A	Method Blank	Total/NA	Water	3520C	
LCS 680-592480/13-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-592480/14-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 592558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-12	PZ-2	Total/NA	Water	8081B/8082A	592292
680-175721-13	PZ-5	Total/NA	Water	8081B/8082A	592292
680-175721-14	PZ-3	Total/NA	Water	8081B/8082A	592292
MB 680-592292/16-A	Method Blank	Total/NA	Water	8081B/8082A	592292
LCS 680-592292/17-A	Lab Control Sample	Total/NA	Water	8081B/8082A	592292
LCSD 680-592292/18-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	592292

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

GC Semi VOA

Analysis Batch: 593027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-1	MW-32L	Total/NA	Water	8081B/8082A	592480
680-175721-2	MW-23D	Total/NA	Water	8081B/8082A	592480
680-175721-3	MW-31L	Total/NA	Water	8081B/8082A	592480
680-175721-4	MW-38L	Total/NA	Water	8081B/8082A	592480
680-175721-5	Duplicate-3 GW	Total/NA	Water	8081B/8082A	592480
680-175721-6	MW-39L	Total/NA	Water	8081B/8082A	592480
680-175721-7	MW-40L	Total/NA	Water	8081B/8082A	592480
680-175721-8	MW-37L	Total/NA	Water	8081B/8082A	592480
680-175721-9	MW-25L	Total/NA	Water	8081B/8082A	592480
680-175721-10	MW-26D	Total/NA	Water	8081B/8082A	592480
680-175721-11	MW-27L	Total/NA	Water	8081B/8082A	592480
MB 680-592480/12-A	Method Blank	Total/NA	Water	8081B/8082A	592480
LCS 680-592480/13-A	Lab Control Sample	Total/NA	Water	8081B/8082A	592480
LCSD 680-592480/14-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	592480

Analysis Batch: 593710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-3	MW-31L	Total/NA	Water	8081B/8082A	592480
680-175721-7	MW-40L	Total/NA	Water	8081B/8082A	592480
680-175721-8	MW-37L	Total/NA	Water	8081B/8082A	592480
680-175721-9	MW-25L	Total/NA	Water	8081B/8082A	592480
680-175721-11	MW-27L	Total/NA	Water	8081B/8082A	592480

Analysis Batch: 593715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175721-13	PZ-5	Total/NA	Water	8081B/8082A	592292

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-32L

Date Collected: 10/17/19 13:17

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 21:16	JCK	TAL SAV

Client Sample ID: MW-23D

Date Collected: 10/17/19 12:18

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 21:31	JCK	TAL SAV

Client Sample ID: MW-31L

Date Collected: 10/17/19 10:50

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 21:45	JCK	TAL SAV
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593710	10/30/19 19:30	JCK	TAL SAV

Client Sample ID: MW-38L

Date Collected: 10/17/19 11:25

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 22:00	JCK	TAL SAV

Client Sample ID: Duplicate-3 GW

Date Collected: 10/17/19 10:15

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 22:14	JCK	TAL SAV

Client Sample ID: MW-39L

Date Collected: 10/17/19 10:14

Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 22:29	JCK	TAL SAV

Eurofins TestAmerica, Savannah

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: MW-40L
Date Collected: 10/17/19 13:55
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 22:43	JCK	TAL SAV
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593710	10/30/19 19:46	JCK	TAL SAV

Client Sample ID: MW-37L
Date Collected: 10/17/19 14:27
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 22:58	JCK	TAL SAV
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593710	10/30/19 20:02	JCK	TAL SAV

Client Sample ID: MW-25L
Date Collected: 10/17/19 15:02
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 23:12	JCK	TAL SAV
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593710	10/30/19 20:18	JCK	TAL SAV

Client Sample ID: MW-26D
Date Collected: 10/17/19 15:32
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 23:27	JCK	TAL SAV

Client Sample ID: MW-27L
Date Collected: 10/17/19 16:35
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	593027	10/25/19 23:41	JCK	TAL SAV
Total/NA	Prep	3520C			592480	10/24/19 14:37	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593710	10/30/19 20:34	JCK	TAL SAV

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Client Sample ID: PZ-2

Date Collected: 10/16/19 16:32
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 20:34	JCK	TAL SAV

Client Sample ID: PZ-5

Date Collected: 10/16/19 17:05
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 20:49	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593715	10/30/19 19:34	JCK	TAL SAV

Client Sample ID: PZ-3

Date Collected: 10/16/19 15:52
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 21:03	JCK	TAL SAV

Client Sample ID: MW-16D

Date Collected: 10/16/19 11:32
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	593404	10/29/19 20:32	Y1S	TAL SAV

Client Sample ID: MW-17D

Date Collected: 10/16/19 12:17
Date Received: 10/21/19 08:55

Lab Sample ID: 680-175721-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	593421	10/29/19 20:12	UI	TAL SAV

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Laboratory: Eurofins TestAmerica, Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-20
Alaska	State	GA00006	06-30-20
Alaska (UST)	State	17-016	09-30-20
ANAB	Dept. of Defense ELAP	L2463	09-22-22
ANAB	DoD	L2463	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
Arizona	State	AZ0808	12-14-19
Arkansas DEQ	State	19-015-0	02-01-20
Arkansas DEQ	State Program	88-0692	02-01-20
California	State	2939	06-30-20
Colorado	State	GA00006	12-31-19
Connecticut	State	PH-0161	03-31-21
Florida	NELAP	E87052	06-30-20
GA Dept. of Agriculture	State Program	N/A	06-12-20
Georgia	State	E87052	06-30-20
Georgia	State Program	N/A	06-30-20
Georgia (DW)	State	803	06-30-20
Guam	State	19-007R	04-17-20
Hawaii	State	<cert No. >	06-30-20
Indiana	State	C-GA-02	06-30-20
Iowa	State	353	09-22-20
Kansas	NELAP	E-10322	10-15-20
Kentucky (DW)	State	KY90084	12-31-19
Kentucky (UST)	State	<cert No. >	06-30-20
Kentucky (UST)	State Program	18	06-30-20
Kentucky (WW)	State	KY90084	12-31-19
Kentucky (WW)	State Program	90084	12-31-19
Louisiana	NELAP	02011	06-30-20
Louisiana (DW)	State	LA009	12-31-19
Maine	State	GA00006	09-26-20
Maryland	State	250	12-31-19
Massachusetts	State	M-GA006	06-30-20
Massachusetts	State Program	M-GA006	06-30-20
Michigan	State	9925	06-30-20
Mississippi	State	<cert No. >	06-30-20
Mississippi	State Program	N/A	06-30-20
Nebraska	State	NE-OS-7-04	06-30-20
Nebraska	State Program	TestAmerica-Savannah	06-30-20
New Hampshire	NELAP	2096	05-29-20
New Hampshire	NELAP	2096	05-29-20
New Jersey	NELAP	GA769	06-30-20
New Mexico	State	GA00006	06-30-20
New York	NELAP	10842	04-01-20
North Carolina (DW)	State	13701	07-31-20
North Carolina (DW)	State Program	13701	07-31-20
North Carolina (WW/SW)	State	269	12-31-19
North Carolina (WW/SW)	State Program	269	12-31-19
Oklahoma	State	9984	08-31-20

Eurofins TestAmerica, Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175721-1

Laboratory: Eurofins TestAmerica, Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	68-00474	06-30-20
Puerto Rico	State	GA00006	01-01-20
South Carolina	State	98001	06-30-20
Tennessee	State	02961	06-30-20
Texas	NELAP	T104704185-19-13	11-30-19
Texas	NELAP	T1047004185-19-3	11-30-19
Texas	TCEQ Water Supply	T104704185	09-23-20
US Fish & Wildlife	US Federal Programs	LE058448-0	07-31-20
USDA	US Federal Programs	P330-18-00313	10-29-21
Virginia	NELAP	10509	06-14-20
Washington	State	C805	06-10-20
West Virginia (DW)	State	9950C	12-31-19
West Virginia (DW)	State Program	9950C	12-31-19
West Virginia DEP	State	094	11-30-19
Wisconsin	State	999819810	08-31-20
Wyoming	State	8TMS-L	06-30-20 *
Wyoming	State Program	8TMS-L	06-30-16 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Savannah

Eurofins TestAmerica, Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

Environment Testing
TestAmerica

Client Information		Sampler	Lab P.M.	Carrier Tracking No(s)		COC No
Client Contact	Phone:	Phone:	Hallmon, Willie L			680-107957-422854
Annamarie Blauser / <i>Chris Hay</i>		E-Mail:	willie.hallmon@testamericainc.com			Page 4 of 8
Company	Envirotrac, Ltd	Job #				
Address:		Date Requested:	Analysis Requested			
7343 W. Friendly Avenue Suite J		TAT Requested (days):				
City	Greensboro					
State, Zip:	NC. 27410					
Phone	(330) 763-6025					
Email:	annamarieb@envirotrac.com					
Project Name:	Geigy Chemical Annual GW 2019					
Site:	SSOW#					
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Oil/Fat, Bit/Tissue, Ash)	Preservation Code:
MW-32L	10/17/19	13:07	G	Water	X	N/A
MW-23D		12:18		Water	X	N/A
MW-31L		10:30		Water	X	N/A
MW-38L		11:25		Water	X	N/A
Duplicate -3 5W		10:15		Water	X	N/A
MW-39L		10:14		Water	X	N/A
MW-40L		13:55		Water	X	N/A
MW-37L		14:27		Water	X	N/A
MW-25L		15:02		Water	X	N/A
MW-26D		15:32		Water	X	N/A
MW-27L		16:03		Water	X	N/A
Possible Hazard Identification		Date:	Time:	Method of Shipment:		
<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological	
Deliverable Requested: I, II, III, IV, Other (specify)						
Empty Kit Relinquished by:		Date:				
Relinquished by: <i>Chris Hay</i>	Date/Time:	Company: <i>EnviroTrac</i>	Received By: <i>Ed Ex</i>	Date/Time: _____ Company: _____		
Relinquished by:	Date/Time:	Company:	Received By:	Date/Time:	Company:	Comments:
Relinquished by:	Date/Time:	Company:	Received By:	Date/Time:	Company:	Comments:
Custody Seals intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <i>1-2119 0855</i>		Cooler Temperature(s) °C, and Other Remarks: <i>10.0 / 0.9 (cf) 1-2119 0855</i>		

Ver: 01/16/2014

1 2 3 4 5 6 7 8 9 10 11 12

Chain of Custody Record

Client Information	Samplers	Lab FM Hallmon, Willie L.	Carrier Tracking No(s)	COC No 680-107957-42285.5
Client Contact: Annamarie Blausier <i>Chris Hwy</i>	Phone	E-Mail willie.hallmon@testamericainc.com	Page Page 5 of 8	

Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 680-175721-1

Login Number: 175721

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Banda, Christy S

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



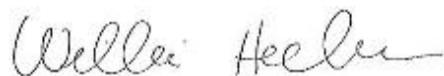
ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-175670-1
Client Project/Site: Geigy Chemical Corp.

For:
EnviroTrac, Ltd.
7343 W. Friendly Avenue
Suite J
Greensboro, North Carolina 27410

Attn: Chris Hay



Authorized for release by:
10/31/2019 2:58:54 PM
Willie Hallmon, Project Manager I
(813)885-7427
willie.hallmon@testamericainc.com

LINKS

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results through

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Job ID: 680-175670-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: Geigy Chemical Corp.

Report Number: 680-175670-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 10/18/2019 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.6° C, 1.6° C, 1.8° C and 2.1° C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: PZ-3 (680-175670-15).

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-18D (680-175670-14), Duplicate 2 GW (680-175670-20), MW-30D (680-175670-21), MW-10S (680-175670-23), MW-11D (680-175670-24), Dup-1 (680-175670-25), MW-16S (680-175670-26), MW-17S (680-175670-27) and MW-18S (680-175670-28) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/25/2019.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-592895.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBs

Samples SW-01 (680-175670-1), SW-02 (680-175670-2), SW-03 (680-175670-3), SW-04 (680-175670-4), SW-05 (680-175670-5), SW-11-2 (680-175670-6), SW-06 (680-175670-7), SW-07 (680-175670-8), SW-08 (680-175670-9), SW-09 (680-175670-10), Duplicate SW (680-175670-11), MW-4S (680-175670-12), MW-6S (680-175670-13), MW-18D (680-175670-14), MW-36L (680-175670-16), MW-22D (680-175670-17), MW-20D (680-175670-18), MW-22L (680-175670-19), Duplicate 2 GW (680-175670-20), MW-30D (680-175670-21), MW-5S (680-175670-22), MW-10S (680-175670-23), MW-11D (680-175670-24), Dup-1 (680-175670-25), MW-16S (680-175670-26), MW-17S (680-175670-27) and MW-18S (680-175670-28) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 10/21/2019 and 10/22/2019 and analyzed on 10/22/2019, 10/23/2019 and 10/30/2019.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

The following analyte recovered outside control limits for the LCSD associated with preparation batch 680-592292 and analytical batch 680-592558: Endrin ketone. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Samples MW-4S (680-175670-12)[20X], MW-6S (680-175670-13)[5X], MW-18D (680-175670-14)[5X], Duplicate 2 GW (680-175670-20)[5X], MW-30D (680-175670-21)[5X], MW-5S (680-175670-22)[25X], MW-5S (680-175670-22)[5X], MW-10S (680-175670-23)[20X] and

Case Narrative

Client: EnviroTrac, Ltd.

Job ID: 680-175670-1

Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1 (Continued)

Laboratory: Eurofins TestAmerica, Savannah (Continued)

MW-11D (680-175670-24)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL SUSPENDED SOLIDS

Samples SW-01 (680-175670-1), SW-02 (680-175670-2), SW-03 (680-175670-3), SW-04 (680-175670-4), SW-05 (680-175670-5), SW-11-2 (680-175670-6), SW-06 (680-175670-7), SW-07 (680-175670-8), SW-08 (680-175670-9), SW-09 (680-175670-10) and Duplicate SW (680-175670-11) were analyzed for total suspended solids in accordance with EPA Method 160.2. The samples were analyzed on 10/20/2019 and 10/23/2019.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-175670-1	SW-01	Water	10/16/19 13:22	10/18/19 09:25	
680-175670-2	SW-02	Water	10/16/19 13:34	10/18/19 09:25	
680-175670-3	SW-03	Water	10/16/19 13:51	10/18/19 09:25	
680-175670-4	SW-04	Water	10/16/19 14:10	10/18/19 09:25	
680-175670-5	SW-05	Water	10/16/19 14:22	10/18/19 09:25	
680-175670-6	SW-11-2	Water	10/16/19 14:38	10/18/19 09:25	
680-175670-7	SW-06	Water	10/16/19 14:54	10/18/19 09:25	
680-175670-8	SW-07	Water	10/16/19 14:45	10/18/19 09:25	
680-175670-9	SW-08	Water	10/16/19 15:03	10/18/19 09:25	
680-175670-10	SW-09	Water	10/16/19 15:12	10/18/19 09:25	
680-175670-11	Duplicate SW	Water	10/16/19 13:41	10/18/19 09:25	
680-175670-12	MW-4S	Water	10/15/19 15:33	10/18/19 09:25	
680-175670-13	MW-6S	Water	10/15/19 16:07	10/18/19 09:25	
680-175670-14	MW-18D	Water	10/15/19 16:44	10/18/19 09:25	
680-175670-16	MW-36L	Water	10/16/19 15:07	10/18/19 09:25	
680-175670-17	MW-22D	Water	10/16/19 14:33	10/18/19 09:25	
680-175670-18	MW-20D	Water	10/16/19 13:21	10/18/19 09:25	
680-175670-19	MW-22L	Water	10/16/19 14:07	10/18/19 09:25	
680-175670-20	Duplicate 2 GW	Water	10/16/19 10:37	10/18/19 09:25	
680-175670-21	MW-30D	Water	10/16/19 10:35	10/18/19 09:25	
680-175670-22	MW-5S	Water	10/15/19 16:00	10/18/19 09:25	
680-175670-23	MW-10S	Water	10/15/19 14:24	10/18/19 09:25	
680-175670-24	MW-11D	Water	10/15/19 13:07	10/18/19 09:25	
680-175670-25	Dup-1	Water	10/15/19 11:15	10/18/19 09:25	
680-175670-26	MW-16S	Water	10/15/19 11:13	10/18/19 09:25	
680-175670-27	MW-17S	Water	10/15/19 12:00	10/18/19 09:25	
680-175670-28	MW-18S	Water	10/15/19 12:32	10/18/19 09:25	

Eurofins TestAmerica, Savannah

Method Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
160.2	Solids, Total Suspended (TSS)	MCAWW	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-01

Lab Sample ID: 680-175670-1

Matrix: Water

Date Collected: 10/16/19 13:22
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.047	U	0.047	0.0069	ug/L		10/21/19 14:10	10/22/19 18:32	1
alpha-BHC	0.047	U	0.047	0.0073	ug/L		10/21/19 14:10	10/22/19 18:32	1
cis-Chlordane	0.047	U	0.047	0.0094	ug/L		10/21/19 14:10	10/22/19 18:32	1
beta-BHC	0.047	U	0.047	0.011	ug/L		10/21/19 14:10	10/22/19 18:32	1
4,4'-DDD	0.047	U	0.047	0.0072	ug/L		10/21/19 14:10	10/22/19 18:32	1
4,4'-DDE	0.047	U	0.047	0.0069	ug/L		10/21/19 14:10	10/22/19 18:32	1
4,4'-DDT	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 18:32	1
delta-BHC	0.047	U	0.047	0.012	ug/L		10/21/19 14:10	10/22/19 18:32	1
Dieldrin	0.047	U	0.047	0.0081	ug/L		10/21/19 14:10	10/22/19 18:32	1
Endosulfan I	0.047	U	0.047	0.0077	ug/L		10/21/19 14:10	10/22/19 18:32	1
Endosulfan II	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 18:32	1
Endosulfan sulfate	0.047	U	0.047	0.0078	ug/L		10/21/19 14:10	10/22/19 18:32	1
Endrin	0.047	U	0.047	0.0083	ug/L		10/21/19 14:10	10/22/19 18:32	1
Endrin aldehyde	0.047	U	0.047	0.016	ug/L		10/21/19 14:10	10/22/19 18:32	1
Endrin ketone	0.047	U	0.047	0.0084	ug/L		10/21/19 14:10	10/22/19 18:32	1
gamma-BHC (Lindane)	0.047	U	0.047	0.0078	ug/L		10/21/19 14:10	10/22/19 18:32	1
trans-Chlordane	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 18:32	1
Heptachlor	0.047	U	0.047	0.0074	ug/L		10/21/19 14:10	10/22/19 18:32	1
Heptachlor epoxide	0.047	U	0.047	0.0076	ug/L		10/21/19 14:10	10/22/19 18:32	1
Methoxychlor	0.047	U	0.047	0.0087	ug/L		10/21/19 14:10	10/22/19 18:32	1
Toxaphene	4.7	U	4.7	0.18	ug/L		10/21/19 14:10	10/22/19 18:32	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45			10 - 130			10/21/19 14:10	10/22/19 18:32	1
Tetrachloro-m-xylene	70			39 - 130			10/21/19 14:10	10/22/19 18:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	8.9		2.9	2.9	mg/L			10/20/19 15:00	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-02

Lab Sample ID: 680-175670-2

Matrix: Water

Date Collected: 10/16/19 13:34
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/21/19 14:10	10/22/19 18:48	1
alpha-BHC	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 18:48	1
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		10/21/19 14:10	10/22/19 18:48	1
beta-BHC	0.048	U	0.048	0.011	ug/L		10/21/19 14:10	10/22/19 18:48	1
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 18:48	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 18:48	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 18:48	1
delta-BHC	0.014	J p	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 18:48	1
Dieldrin	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 18:48	1
Endosulfan I	0.048	U	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 18:48	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 18:48	1
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 18:48	1
Endrin	0.048	U	0.048	0.0084	ug/L		10/21/19 14:10	10/22/19 18:48	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 18:48	1
Endrin ketone	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 18:48	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 18:48	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 18:48	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/21/19 14:10	10/22/19 18:48	1
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L		10/21/19 14:10	10/22/19 18:48	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/21/19 14:10	10/22/19 18:48	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 18:48	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52			10 - 130			10/21/19 14:10	10/22/19 18:48	1
Tetrachloro-m-xylene	74			39 - 130			10/21/19 14:10	10/22/19 18:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	18		3.3	3.3	mg/L			10/20/19 14:51	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-03

Lab Sample ID: 680-175670-3

Matrix: Water

Date Collected: 10/16/19 13:51
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U	0.049	0.0071	ug/L		10/21/19 14:10	10/22/19 19:04	1
alpha-BHC	0.011	J	0.049	0.0076	ug/L		10/21/19 14:10	10/22/19 19:04	1
cis-Chlordane	0.049	U	0.049	0.0097	ug/L		10/21/19 14:10	10/22/19 19:04	1
beta-BHC	0.049	U	0.049	0.012	ug/L		10/21/19 14:10	10/22/19 19:04	1
4,4'-DDD	0.049	U	0.049	0.0075	ug/L		10/21/19 14:10	10/22/19 19:04	1
4,4'-DDE	0.049	U	0.049	0.0072	ug/L		10/21/19 14:10	10/22/19 19:04	1
4,4'-DDT	0.049	U	0.049	0.0083	ug/L		10/21/19 14:10	10/22/19 19:04	1
delta-BHC	0.032	J p	0.049	0.013	ug/L		10/21/19 14:10	10/22/19 19:04	1
Dieldrin	0.049	U	0.049	0.0084	ug/L		10/21/19 14:10	10/22/19 19:04	1
Endosulfan I	0.049	U	0.049	0.0080	ug/L		10/21/19 14:10	10/22/19 19:04	1
Endosulfan II	0.049	U	0.049	0.0083	ug/L		10/21/19 14:10	10/22/19 19:04	1
Endosulfan sulfate	0.049	U	0.049	0.0081	ug/L		10/21/19 14:10	10/22/19 19:04	1
Endrin	0.049	U	0.049	0.0086	ug/L		10/21/19 14:10	10/22/19 19:04	1
Endrin aldehyde	0.049	U	0.049	0.017	ug/L		10/21/19 14:10	10/22/19 19:04	1
Endrin ketone	0.049	U	0.049	0.0087	ug/L		10/21/19 14:10	10/22/19 19:04	1
gamma-BHC (Lindane)	0.049	U	0.049	0.0081	ug/L		10/21/19 14:10	10/22/19 19:04	1
trans-Chlordane	0.049	U	0.049	0.0083	ug/L		10/21/19 14:10	10/22/19 19:04	1
Heptachlor	0.049	U	0.049	0.0077	ug/L		10/21/19 14:10	10/22/19 19:04	1
Heptachlor epoxide	0.049	U	0.049	0.0079	ug/L		10/21/19 14:10	10/22/19 19:04	1
Methoxychlor	0.049	U	0.049	0.0091	ug/L		10/21/19 14:10	10/22/19 19:04	1
Toxaphene	4.9	U	4.9	0.19	ug/L		10/21/19 14:10	10/22/19 19:04	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40			10 - 130			10/21/19 14:10	10/22/19 19:04	1
Tetrachloro-m-xylene	65			39 - 130			10/21/19 14:10	10/22/19 19:04	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	7.2		2.0	2.0	mg/L			10/20/19 14:51	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-04

Lab Sample ID: 680-175670-4

Matrix: Water

Date Collected: 10/16/19 14:10
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.051	U	0.051	0.0075	ug/L		10/21/19 14:10	10/22/19 19:20	1
alpha-BHC	0.051	U	0.051	0.0080	ug/L		10/21/19 14:10	10/22/19 19:20	1
cis-Chlordane	0.051	U	0.051	0.010	ug/L		10/21/19 14:10	10/22/19 19:20	1
beta-BHC	0.051	U	0.051	0.012	ug/L		10/21/19 14:10	10/22/19 19:20	1
4,4'-DDD	0.051	U	0.051	0.0079	ug/L		10/21/19 14:10	10/22/19 19:20	1
4,4'-DDE	0.051	U	0.051	0.0076	ug/L		10/21/19 14:10	10/22/19 19:20	1
4,4'-DDT	0.051	U	0.051	0.0087	ug/L		10/21/19 14:10	10/22/19 19:20	1
delta-BHC	0.051	U	0.051	0.013	ug/L		10/21/19 14:10	10/22/19 19:20	1
Dieldrin	0.051	U	0.051	0.0088	ug/L		10/21/19 14:10	10/22/19 19:20	1
Endosulfan I	0.051	U	0.051	0.0084	ug/L		10/21/19 14:10	10/22/19 19:20	1
Endosulfan II	0.051	U	0.051	0.0087	ug/L		10/21/19 14:10	10/22/19 19:20	1
Endosulfan sulfate	0.051	U	0.051	0.0085	ug/L		10/21/19 14:10	10/22/19 19:20	1
Endrin	0.051	U	0.051	0.0090	ug/L		10/21/19 14:10	10/22/19 19:20	1
Endrin aldehyde	0.051	U	0.051	0.017	ug/L		10/21/19 14:10	10/22/19 19:20	1
Endrin ketone	0.051	U	0.051	0.0091	ug/L		10/21/19 14:10	10/22/19 19:20	1
gamma-BHC (Lindane)	0.051	U	0.051	0.0085	ug/L		10/21/19 14:10	10/22/19 19:20	1
trans-Chlordane	0.051	U	0.051	0.0087	ug/L		10/21/19 14:10	10/22/19 19:20	1
Heptachlor	0.051	U	0.051	0.0081	ug/L		10/21/19 14:10	10/22/19 19:20	1
Heptachlor epoxide	0.051	U	0.051	0.0083	ug/L		10/21/19 14:10	10/22/19 19:20	1
Methoxychlor	0.051	U	0.051	0.0095	ug/L		10/21/19 14:10	10/22/19 19:20	1
Toxaphene	5.1	U		5.1	ug/L		10/21/19 14:10	10/22/19 19:20	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	41			10 - 130			10/21/19 14:10	10/22/19 19:20	1
Tetrachloro-m-xylene	66			39 - 130			10/21/19 14:10	10/22/19 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	16		2.0	2.0	mg/L			10/20/19 15:00	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-05

Lab Sample ID: 680-175670-5

Matrix: Water

Date Collected: 10/16/19 14:22
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.047	U	0.047	0.0069	ug/L		10/21/19 14:10	10/22/19 19:36	1
alpha-BHC	0.047	U	0.047	0.0074	ug/L		10/21/19 14:10	10/22/19 19:36	1
cis-Chlordane	0.047	U	0.047	0.0094	ug/L		10/21/19 14:10	10/22/19 19:36	1
beta-BHC	0.047	U	0.047	0.011	ug/L		10/21/19 14:10	10/22/19 19:36	1
4,4'-DDD	0.047	U	0.047	0.0073	ug/L		10/21/19 14:10	10/22/19 19:36	1
4,4'-DDE	0.047	U	0.047	0.0070	ug/L		10/21/19 14:10	10/22/19 19:36	1
4,4'-DDT	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 19:36	1
delta-BHC	0.047	U	0.047	0.012	ug/L		10/21/19 14:10	10/22/19 19:36	1
Dieldrin	0.047	U	0.047	0.0081	ug/L		10/21/19 14:10	10/22/19 19:36	1
Endosulfan I	0.047	U	0.047	0.0077	ug/L		10/21/19 14:10	10/22/19 19:36	1
Endosulfan II	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 19:36	1
Endosulfan sulfate	0.047	U	0.047	0.0078	ug/L		10/21/19 14:10	10/22/19 19:36	1
Endrin	0.047	U	0.047	0.0083	ug/L		10/21/19 14:10	10/22/19 19:36	1
Endrin aldehyde	0.047	U	0.047	0.016	ug/L		10/21/19 14:10	10/22/19 19:36	1
Endrin ketone	0.047	U	0.047	0.0084	ug/L		10/21/19 14:10	10/22/19 19:36	1
gamma-BHC (Lindane)	0.047	U	0.047	0.0078	ug/L		10/21/19 14:10	10/22/19 19:36	1
trans-Chlordane	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 19:36	1
Heptachlor	0.047	U	0.047	0.0075	ug/L		10/21/19 14:10	10/22/19 19:36	1
Heptachlor epoxide	0.047	U	0.047	0.0076	ug/L		10/21/19 14:10	10/22/19 19:36	1
Methoxychlor	0.047	U	0.047	0.0088	ug/L		10/21/19 14:10	10/22/19 19:36	1
Toxaphene	4.7	U	4.7	0.18	ug/L		10/21/19 14:10	10/22/19 19:36	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55			10 - 130			10/21/19 14:10	10/22/19 19:36	1
Tetrachloro-m-xylene	71			39 - 130			10/21/19 14:10	10/22/19 19:36	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	7.6		2.2	2.2	mg/L			10/20/19 14:16	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-11-2
Date Collected: 10/16/19 14:38
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-6
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.047	U	0.047	0.0068	ug/L		10/21/19 14:10	10/22/19 19:52	1
alpha-BHC	0.047	U	0.047	0.0073	ug/L		10/21/19 14:10	10/22/19 19:52	1
cis-Chlordane	0.047	U	0.047	0.0094	ug/L		10/21/19 14:10	10/22/19 19:52	1
beta-BHC	0.047	U	0.047	0.011	ug/L		10/21/19 14:10	10/22/19 19:52	1
4,4'-DDD	0.047	U	0.047	0.0072	ug/L		10/21/19 14:10	10/22/19 19:52	1
4,4'-DDE	0.047	U	0.047	0.0069	ug/L		10/21/19 14:10	10/22/19 19:52	1
4,4'-DDT	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 19:52	1
delta-BHC	0.047	U	0.047	0.012	ug/L		10/21/19 14:10	10/22/19 19:52	1
Dieldrin	0.047	U	0.047	0.0081	ug/L		10/21/19 14:10	10/22/19 19:52	1
Endosulfan I	0.047	U	0.047	0.0077	ug/L		10/21/19 14:10	10/22/19 19:52	1
Endosulfan II	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 19:52	1
Endosulfan sulfate	0.047	U	0.047	0.0078	ug/L		10/21/19 14:10	10/22/19 19:52	1
Endrin	0.047	U	0.047	0.0082	ug/L		10/21/19 14:10	10/22/19 19:52	1
Endrin aldehyde	0.047	U	0.047	0.016	ug/L		10/21/19 14:10	10/22/19 19:52	1
Endrin ketone	0.047	U	0.047	0.0083	ug/L		10/21/19 14:10	10/22/19 19:52	1
gamma-BHC (Lindane)	0.047	U	0.047	0.0078	ug/L		10/21/19 14:10	10/22/19 19:52	1
trans-Chlordane	0.047	U	0.047	0.0080	ug/L		10/21/19 14:10	10/22/19 19:52	1
Heptachlor	0.047	U	0.047	0.0074	ug/L		10/21/19 14:10	10/22/19 19:52	1
Heptachlor epoxide	0.047	U	0.047	0.0076	ug/L		10/21/19 14:10	10/22/19 19:52	1
Methoxychlor	0.047	U	0.047	0.0087	ug/L		10/21/19 14:10	10/22/19 19:52	1
Toxaphene	4.7	U	4.7	0.18	ug/L		10/21/19 14:10	10/22/19 19:52	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45			10 - 130			10/21/19 14:10	10/22/19 19:52	1
Tetrachloro-m-xylene	65			39 - 130			10/21/19 14:10	10/22/19 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	3.7		3.3	3.3	mg/L			10/20/19 14:17	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-06

Lab Sample ID: 680-175670-7

Matrix: Water

Date Collected: 10/16/19 14:54
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 20:08	1
alpha-BHC	0.048	U	0.048	0.0076	ug/L		10/21/19 14:10	10/22/19 20:08	1
cis-Chlordane	0.048	U	0.048	0.0097	ug/L		10/21/19 14:10	10/22/19 20:08	1
beta-BHC	0.048	U	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 20:08	1
4,4'-DDD	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 20:08	1
4,4'-DDE	0.048	U	0.048	0.0072	ug/L		10/21/19 14:10	10/22/19 20:08	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:08	1
delta-BHC	0.048	U	0.048	0.013	ug/L		10/21/19 14:10	10/22/19 20:08	1
Dieldrin	0.048	U	0.048	0.0083	ug/L		10/21/19 14:10	10/22/19 20:08	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:08	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:08	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 20:08	1
Endrin	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 20:08	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 20:08	1
Endrin ketone	0.048	U	0.048	0.0086	ug/L		10/21/19 14:10	10/22/19 20:08	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 20:08	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:08	1
Heptachlor	0.048	U	0.048	0.0077	ug/L		10/21/19 14:10	10/22/19 20:08	1
Heptachlor epoxide	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:08	1
Methoxychlor	0.048	U	0.048	0.0090	ug/L		10/21/19 14:10	10/22/19 20:08	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 20:08	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43			10 - 130			10/21/19 14:10	10/22/19 20:08	1
Tetrachloro-m-xylene	87			39 - 130			10/21/19 14:10	10/22/19 20:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	6.4		4.0	4.0	mg/L			10/20/19 15:03	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-07

Lab Sample ID: 680-175670-8

Matrix: Water

Date Collected: 10/16/19 14:45
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 20:24	1
alpha-BHC	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 20:24	1
cis-Chlordane	0.048	U	0.048	0.0097	ug/L		10/21/19 14:10	10/22/19 20:24	1
beta-BHC	0.048	U	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 20:24	1
4,4'-DDD	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 20:24	1
4,4'-DDE	0.048	U	0.048	0.0072	ug/L		10/21/19 14:10	10/22/19 20:24	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:24	1
delta-BHC	0.048	U	0.048	0.013	ug/L		10/21/19 14:10	10/22/19 20:24	1
Dieldrin	0.048	U	0.048	0.0083	ug/L		10/21/19 14:10	10/22/19 20:24	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:24	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:24	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 20:24	1
Endrin	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 20:24	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 20:24	1
Endrin ketone	0.048	U	0.048	0.0086	ug/L		10/21/19 14:10	10/22/19 20:24	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 20:24	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:24	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/21/19 14:10	10/22/19 20:24	1
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 20:24	1
Methoxychlor	0.048	U	0.048	0.0090	ug/L		10/21/19 14:10	10/22/19 20:24	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 20:24	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36			10 - 130			10/21/19 14:10	10/22/19 20:24	1
Tetrachloro-m-xylene	73			39 - 130			10/21/19 14:10	10/22/19 20:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	3.4		2.9	2.9	mg/L			10/20/19 14:48	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-08

Lab Sample ID: 680-175670-9

Matrix: Water

Date Collected: 10/16/19 15:03
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/21/19 14:10	10/22/19 20:40	1
alpha-BHC	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 20:40	1
cis-Chlordane	0.048	U	0.048	0.0095	ug/L		10/21/19 14:10	10/22/19 20:40	1
beta-BHC	0.048	U	0.048	0.011	ug/L		10/21/19 14:10	10/22/19 20:40	1
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 20:40	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 20:40	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 20:40	1
delta-BHC	0.048	U	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 20:40	1
Dieldrin	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:40	1
Endosulfan I	0.048	U	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 20:40	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 20:40	1
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:40	1
Endrin	0.048	U	0.048	0.0084	ug/L		10/21/19 14:10	10/22/19 20:40	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 20:40	1
Endrin ketone	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 20:40	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:40	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 20:40	1
Heptachlor	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 20:40	1
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L		10/21/19 14:10	10/22/19 20:40	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/21/19 14:10	10/22/19 20:40	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 20:40	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46			10 - 130			10/21/19 14:10	10/22/19 20:40	1
Tetrachloro-m-xylene	67			39 - 130			10/21/19 14:10	10/22/19 20:40	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	16		4.0	4.0	mg/L			10/23/19 17:50	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-09

Lab Sample ID: 680-175670-10

Matrix: Water

Date Collected: 10/16/19 15:12
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/21/19 14:10	10/22/19 20:56	1
alpha-BHC	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 20:56	1
cis-Chlordane	0.048	U	0.048	0.0095	ug/L		10/21/19 14:10	10/22/19 20:56	1
beta-BHC	0.048	U	0.048	0.011	ug/L		10/21/19 14:10	10/22/19 20:56	1
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 20:56	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 20:56	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 20:56	1
delta-BHC	0.048	U	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 20:56	1
Dieldrin	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 20:56	1
Endosulfan I	0.048	U	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 20:56	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 20:56	1
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:56	1
Endrin	0.048	U	0.048	0.0084	ug/L		10/21/19 14:10	10/22/19 20:56	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 20:56	1
Endrin ketone	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 20:56	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 20:56	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 20:56	1
Heptachlor	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 20:56	1
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L		10/21/19 14:10	10/22/19 20:56	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/21/19 14:10	10/22/19 20:56	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 20:56	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36			10 - 130			10/21/19 14:10	10/22/19 20:56	1
Tetrachloro-m-xylene	77			39 - 130			10/21/19 14:10	10/22/19 20:56	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	7.6		4.0	4.0	mg/L			10/23/19 17:50	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: Duplicate SW

Lab Sample ID: 680-175670-11

Matrix: Water

Date Collected: 10/16/19 13:41
Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L		10/21/19 14:10	10/22/19 21:12	1
alpha-BHC	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 21:12	1
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		10/21/19 14:10	10/22/19 21:12	1
beta-BHC	0.048	U	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 21:12	1
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 21:12	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 21:12	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:12	1
delta-BHC	0.018	J p	0.048	0.013	ug/L		10/21/19 14:10	10/22/19 21:12	1
Dieldrin	0.048	U	0.048	0.0083	ug/L		10/21/19 14:10	10/22/19 21:12	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 21:12	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:12	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 21:12	1
Endrin	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 21:12	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 21:12	1
Endrin ketone	0.048	U	0.048	0.0086	ug/L		10/21/19 14:10	10/22/19 21:12	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 21:12	1
trans-Chlordane	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:12	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/21/19 14:10	10/22/19 21:12	1
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 21:12	1
Methoxychlor	0.048	U	0.048	0.0090	ug/L		10/21/19 14:10	10/22/19 21:12	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 21:12	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43			10 - 130			10/21/19 14:10	10/22/19 21:12	1
Tetrachloro-m-xylene	70			39 - 130			10/21/19 14:10	10/22/19 21:12	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	18		1.8	1.8	mg/L			10/23/19 17:50	1

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-4S

Lab Sample ID: 680-175670-12

Date Collected: 10/15/19 15:33

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	J p	0.052	0.0076	ug/L		10/21/19 14:10	10/22/19 21:28	1
alpha-BHC	0.020	J	0.052	0.0081	ug/L		10/21/19 14:10	10/22/19 21:28	1
cis-Chlordane	0.052	U	0.052	0.010	ug/L		10/21/19 14:10	10/22/19 21:28	1
beta-BHC	4.7		1.0	0.25	ug/L		10/21/19 14:10	10/23/19 19:56	20
4,4'-DDD	0.052	U	0.052	0.0080	ug/L		10/21/19 14:10	10/22/19 21:28	1
4,4'-DDE	0.052	U	0.052	0.0077	ug/L		10/21/19 14:10	10/22/19 21:28	1
4,4'-DDT	0.052	U	0.052	0.0088	ug/L		10/21/19 14:10	10/22/19 21:28	1
delta-BHC	0.26		0.052	0.013	ug/L		10/21/19 14:10	10/22/19 21:28	1
Dieldrin	0.70	J	1.0	0.18	ug/L		10/21/19 14:10	10/23/19 19:56	20
Endosulfan I	0.052	U	0.052	0.0085	ug/L		10/21/19 14:10	10/22/19 21:28	1
Endosulfan II	0.052	U	0.052	0.0088	ug/L		10/21/19 14:10	10/22/19 21:28	1
Endosulfan sulfate	0.052	U	0.052	0.0086	ug/L		10/21/19 14:10	10/22/19 21:28	1
Endrin	0.052	U	0.052	0.0091	ug/L		10/21/19 14:10	10/22/19 21:28	1
Endrin aldehyde	0.052	U	0.052	0.018	ug/L		10/21/19 14:10	10/22/19 21:28	1
Endrin ketone	0.73		0.052	0.0092	ug/L		10/21/19 14:10	10/22/19 21:28	1
gamma-BHC (Lindane)	0.024	J	0.052	0.0086	ug/L		10/21/19 14:10	10/22/19 21:28	1
trans-Chlordane	0.075		0.052	0.0088	ug/L		10/21/19 14:10	10/22/19 21:28	1
Heptachlor	0.052	U	0.052	0.0082	ug/L		10/21/19 14:10	10/22/19 21:28	1
Heptachlor epoxide	0.098	p	0.052	0.0084	ug/L		10/21/19 14:10	10/22/19 21:28	1
Methoxychlor	0.052	U	0.052	0.0097	ug/L		10/21/19 14:10	10/22/19 21:28	1
Toxaphene	5.5	p	5.2	0.20	ug/L		10/21/19 14:10	10/22/19 21:28	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49	p		10 - 130			10/21/19 14:10	10/22/19 21:28	1
Tetrachloro-m-xylene	67			39 - 130			10/21/19 14:10	10/22/19 21:28	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-6S

Lab Sample ID: 680-175670-13

Date Collected: 10/15/19 16:07

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.021	J	0.048	0.0070	ug/L		10/21/19 14:10	10/22/19 21:44	1
alpha-BHC	0.019	J	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 21:44	1
cis-Chlordane	0.048	U	0.048	0.0096	ug/L		10/21/19 14:10	10/22/19 21:44	1
beta-BHC	1.4		0.24	0.058	ug/L		10/21/19 14:10	10/23/19 20:11	5
4,4'-DDD	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 21:44	1
4,4'-DDE	0.048	U	0.048	0.0071	ug/L		10/21/19 14:10	10/22/19 21:44	1
4,4'-DDT	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:44	1
delta-BHC	0.070		0.048	0.012	ug/L		10/21/19 14:10	10/22/19 21:44	1
Dieldrin	0.30		0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:44	1
Endosulfan I	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 21:44	1
Endosulfan II	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:44	1
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 21:44	1
Endrin	0.048	U	0.048	0.0084	ug/L		10/21/19 14:10	10/22/19 21:44	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 21:44	1
Endrin ketone	0.20		0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 21:44	1
gamma-BHC (Lindane)	0.023	J p	0.048	0.0080	ug/L		10/21/19 14:10	10/22/19 21:44	1
trans-Chlordane	0.045	J	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 21:44	1
Heptachlor	0.048	U	0.048	0.0076	ug/L		10/21/19 14:10	10/22/19 21:44	1
Heptachlor epoxide	0.038	J p	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 21:44	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/21/19 14:10	10/22/19 21:44	1
Toxaphene	4.5	J p	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 21:44	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78			10 - 130			10/21/19 14:10	10/22/19 21:44	1
Tetrachloro-m-xylene	72			39 - 130			10/21/19 14:10	10/22/19 21:44	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-18D

Lab Sample ID: 680-175670-14

Date Collected: 10/15/19 16:44

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.63	J	1.0	0.48	ug/L			10/25/19 16:02	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 120					10/25/19 16:02	1
Dibromofluoromethane (Surr)	100		73 - 131					10/25/19 16:02	1
4-Bromofluorobenzene (Surr)	102		80 - 122					10/25/19 16:02	1
	101		80 - 120					10/25/19 16:02	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.017	J p	0.049	0.0072	ug/L			10/21/19 14:10	10/22/19 22:00
alpha-BHC	0.044	J	0.049	0.0077	ug/L			10/21/19 14:10	10/22/19 22:00
cis-Chlordane	0.049	U	0.049	0.0098	ug/L			10/21/19 14:10	10/22/19 22:00
beta-BHC	1.6		0.25	0.059	ug/L			10/21/19 14:10	10/23/19 20:26
4,4'-DDD	0.049	U	0.049	0.0076	ug/L			10/21/19 14:10	10/22/19 22:00
4,4'-DDE	0.049	U	0.049	0.0073	ug/L			10/21/19 14:10	10/22/19 22:00
4,4'-DDT	0.049	U	0.049	0.0084	ug/L			10/21/19 14:10	10/22/19 22:00
delta-BHC	0.20		0.049	0.013	ug/L			10/21/19 14:10	10/22/19 22:00
Dieldrin	0.25		0.049	0.0085	ug/L			10/21/19 14:10	10/22/19 22:00
Endosulfan I	0.049	U	0.049	0.0081	ug/L			10/21/19 14:10	10/22/19 22:00
Endosulfan II	0.049	U	0.049	0.0084	ug/L			10/21/19 14:10	10/22/19 22:00
Endosulfan sulfate	0.049	U	0.049	0.0082	ug/L			10/21/19 14:10	10/22/19 22:00
Endrin	0.049	U	0.049	0.0087	ug/L			10/21/19 14:10	10/22/19 22:00
Endrin aldehyde	0.049	U	0.049	0.017	ug/L			10/21/19 14:10	10/22/19 22:00
Endrin ketone	0.24		0.049	0.0088	ug/L			10/21/19 14:10	10/22/19 22:00
gamma-BHC (Lindane)	0.038	J p	0.049	0.0082	ug/L			10/21/19 14:10	10/22/19 22:00
trans-Chlordane	0.049	U	0.049	0.0084	ug/L			10/21/19 14:10	10/22/19 22:00
Heptachlor	0.049	U	0.049	0.0078	ug/L			10/21/19 14:10	10/22/19 22:00
Heptachlor epoxide	0.049	U	0.049	0.0080	ug/L			10/21/19 14:10	10/22/19 22:00
Methoxychlor	0.049	U	0.049	0.0091	ug/L			10/21/19 14:10	10/22/19 22:00
Toxaphene	3.1	J p	4.9	0.19	ug/L			10/21/19 14:10	10/22/19 22:00
Surrogate									
DCB Decachlorobiphenyl	69		10 - 130				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		39 - 130				10/21/19 14:10	10/22/19 22:00	1
							10/21/19 14:10	10/22/19 22:00	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-36L

Lab Sample ID: 680-175670-16

Date Collected: 10/16/19 15:07

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0069	ug/L		10/21/19 14:10	10/22/19 22:16	1
alpha-BHC	0.048	U	0.048	0.0074	ug/L		10/21/19 14:10	10/22/19 22:16	1
cis-Chlordane	0.048	U	0.048	0.0095	ug/L		10/21/19 14:10	10/22/19 22:16	1
beta-BHC	0.048	U	0.048	0.011	ug/L		10/21/19 14:10	10/22/19 22:16	1
4,4'-DDD	0.048	U	0.048	0.0073	ug/L		10/21/19 14:10	10/22/19 22:16	1
4,4'-DDE	0.048	U	0.048	0.0070	ug/L		10/21/19 14:10	10/22/19 22:16	1
4,4'-DDT	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 22:16	1
delta-BHC	0.048	U	0.048	0.012	ug/L		10/21/19 14:10	10/22/19 22:16	1
Dieldrin	0.048	U	0.048	0.0082	ug/L		10/21/19 14:10	10/22/19 22:16	1
Endosulfan I	0.048	U	0.048	0.0078	ug/L		10/21/19 14:10	10/22/19 22:16	1
Endosulfan II	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 22:16	1
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 22:16	1
Endrin	0.048	U	0.048	0.0084	ug/L		10/21/19 14:10	10/22/19 22:16	1
Endrin aldehyde	0.048	U	0.048	0.016	ug/L		10/21/19 14:10	10/22/19 22:16	1
Endrin ketone	0.048	U	0.048	0.0085	ug/L		10/21/19 14:10	10/22/19 22:16	1
gamma-BHC (Lindane)	0.048	U	0.048	0.0079	ug/L		10/21/19 14:10	10/22/19 22:16	1
trans-Chlordane	0.048	U	0.048	0.0081	ug/L		10/21/19 14:10	10/22/19 22:16	1
Heptachlor	0.048	U	0.048	0.0075	ug/L		10/21/19 14:10	10/22/19 22:16	1
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L		10/21/19 14:10	10/22/19 22:16	1
Methoxychlor	0.048	U	0.048	0.0089	ug/L		10/21/19 14:10	10/22/19 22:16	1
Toxaphene	4.8	U	4.8	0.18	ug/L		10/21/19 14:10	10/22/19 22:16	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61			10 - 130			10/21/19 14:10	10/22/19 22:16	1
Tetrachloro-m-xylene	66			39 - 130			10/21/19 14:10	10/22/19 22:16	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-22D
Date Collected: 10/16/19 14:33
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-17
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U	0.049	0.0072	ug/L		10/21/19 14:10	10/22/19 22:32	1
alpha-BHC	0.014	J	0.049	0.0077	ug/L		10/21/19 14:10	10/22/19 22:32	1
cis-Chlordane	0.049	U	0.049	0.0098	ug/L		10/21/19 14:10	10/22/19 22:32	1
beta-BHC	0.10		0.049	0.012	ug/L		10/21/19 14:10	10/22/19 22:32	1
4,4'-DDD	0.049	U	0.049	0.0076	ug/L		10/21/19 14:10	10/22/19 22:32	1
4,4'-DDE	0.049	U	0.049	0.0073	ug/L		10/21/19 14:10	10/22/19 22:32	1
4,4'-DDT	0.049	U	0.049	0.0083	ug/L		10/21/19 14:10	10/22/19 22:32	1
delta-BHC	0.041	J	0.049	0.013	ug/L		10/21/19 14:10	10/22/19 22:32	1
Dieldrin	0.049	U	0.049	0.0084	ug/L		10/21/19 14:10	10/22/19 22:32	1
Endosulfan I	0.049	U	0.049	0.0080	ug/L		10/21/19 14:10	10/22/19 22:32	1
Endosulfan II	0.049	U	0.049	0.0083	ug/L		10/21/19 14:10	10/22/19 22:32	1
Endosulfan sulfate	0.049	U	0.049	0.0081	ug/L		10/21/19 14:10	10/22/19 22:32	1
Endrin	0.049	U	0.049	0.0086	ug/L		10/21/19 14:10	10/22/19 22:32	1
Endrin aldehyde	0.049	U	0.049	0.017	ug/L		10/21/19 14:10	10/22/19 22:32	1
Endrin ketone	0.049	U	0.049	0.0087	ug/L		10/21/19 14:10	10/22/19 22:32	1
gamma-BHC (Lindane)	0.010	J	0.049	0.0081	ug/L		10/21/19 14:10	10/22/19 22:32	1
trans-Chlordane	0.049	U	0.049	0.0083	ug/L		10/21/19 14:10	10/22/19 22:32	1
Heptachlor	0.049	U	0.049	0.0078	ug/L		10/21/19 14:10	10/22/19 22:32	1
Heptachlor epoxide	0.049	U	0.049	0.0079	ug/L		10/21/19 14:10	10/22/19 22:32	1
Methoxychlor	0.049	U	0.049	0.0091	ug/L		10/21/19 14:10	10/22/19 22:32	1
Toxaphene	4.9	U	4.9	0.19	ug/L		10/21/19 14:10	10/22/19 22:32	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69			10 - 130			10/21/19 14:10	10/22/19 22:32	1
Tetrachloro-m-xylene	63			39 - 130			10/21/19 14:10	10/22/19 22:32	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-20D
Date Collected: 10/16/19 13:21
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-18
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.054	U	0.054	0.0079	ug/L		10/21/19 14:10	10/22/19 22:48	1
alpha-BHC	0.054	U	0.054	0.0084	ug/L		10/21/19 14:10	10/22/19 22:48	1
cis-Chlordane	0.054	U	0.054	0.011	ug/L		10/21/19 14:10	10/22/19 22:48	1
beta-BHC	0.027	J	0.054	0.013	ug/L		10/21/19 14:10	10/22/19 22:48	1
4,4'-DDD	0.054	U	0.054	0.0083	ug/L		10/21/19 14:10	10/22/19 22:48	1
4,4'-DDE	0.054	U	0.054	0.0080	ug/L		10/21/19 14:10	10/22/19 22:48	1
4,4'-DDT	0.054	U	0.054	0.0092	ug/L		10/21/19 14:10	10/22/19 22:48	1
delta-BHC	0.054	U	0.054	0.014	ug/L		10/21/19 14:10	10/22/19 22:48	1
Dieldrin	0.054	U	0.054	0.0093	ug/L		10/21/19 14:10	10/22/19 22:48	1
Endosulfan I	0.054	U	0.054	0.0089	ug/L		10/21/19 14:10	10/22/19 22:48	1
Endosulfan II	0.054	U	0.054	0.0092	ug/L		10/21/19 14:10	10/22/19 22:48	1
Endosulfan sulfate	0.054	U	0.054	0.0090	ug/L		10/21/19 14:10	10/22/19 22:48	1
Endrin	0.054	U	0.054	0.0095	ug/L		10/21/19 14:10	10/22/19 22:48	1
Endrin aldehyde	0.054	U	0.054	0.018	ug/L		10/21/19 14:10	10/22/19 22:48	1
Endrin ketone	0.054	U	0.054	0.0096	ug/L		10/21/19 14:10	10/22/19 22:48	1
gamma-BHC (Lindane)	0.054	U	0.054	0.0090	ug/L		10/21/19 14:10	10/22/19 22:48	1
trans-Chlordane	0.054	U	0.054	0.0092	ug/L		10/21/19 14:10	10/22/19 22:48	1
Heptachlor	0.054	U	0.054	0.0085	ug/L		10/21/19 14:10	10/22/19 22:48	1
Heptachlor epoxide	0.054	U	0.054	0.0088	ug/L		10/21/19 14:10	10/22/19 22:48	1
Methoxychlor	0.054	U	0.054	0.010	ug/L		10/21/19 14:10	10/22/19 22:48	1
Toxaphene	5.4	U	5.4	0.21	ug/L		10/21/19 14:10	10/22/19 22:48	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65			10 - 130			10/21/19 14:10	10/22/19 22:48	1
Tetrachloro-m-xylene	62			39 - 130			10/21/19 14:10	10/22/19 22:48	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-22L

Lab Sample ID: 680-175670-19

Date Collected: 10/16/19 14:07

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0073	ug/L		10/21/19 14:10	10/22/19 17:51	1
alpha-BHC	0.14		0.050	0.0078	ug/L		10/21/19 14:10	10/22/19 17:51	1
cis-Chlordane	0.050	U	0.050	0.010	ug/L		10/21/19 14:10	10/22/19 17:51	1
beta-BHC	0.59		0.050	0.012	ug/L		10/21/19 14:10	10/22/19 17:51	1
4,4'-DDD	0.050	U	0.050	0.0077	ug/L		10/21/19 14:10	10/22/19 17:51	1
4,4'-DDE	0.050	U	0.050	0.0074	ug/L		10/21/19 14:10	10/22/19 17:51	1
4,4'-DDT	0.050	U	0.050	0.0085	ug/L		10/21/19 14:10	10/22/19 17:51	1
delta-BHC	0.33		0.050	0.013	ug/L		10/21/19 14:10	10/22/19 17:51	1
Dieldrin	0.051	p	0.050	0.0086	ug/L		10/21/19 14:10	10/22/19 17:51	1
Endosulfan I	0.050	U	0.050	0.0082	ug/L		10/21/19 14:10	10/22/19 17:51	1
Endosulfan II	0.050	U	0.050	0.0085	ug/L		10/21/19 14:10	10/22/19 17:51	1
Endosulfan sulfate	0.050	U	0.050	0.0083	ug/L		10/21/19 14:10	10/22/19 17:51	1
Endrin	0.050	U	0.050	0.0088	ug/L		10/21/19 14:10	10/22/19 17:51	1
Endrin aldehyde	0.050	U	0.050	0.017	ug/L		10/21/19 14:10	10/22/19 17:51	1
Endrin ketone	0.040	J p	0.050	0.0089	ug/L		10/21/19 14:10	10/22/19 17:51	1
gamma-BHC (Lindane)	0.11		0.050	0.0083	ug/L		10/21/19 14:10	10/22/19 17:51	1
trans-Chlordane	0.050	U	0.050	0.0085	ug/L		10/21/19 14:10	10/22/19 17:51	1
Heptachlor	0.050	U	0.050	0.0079	ug/L		10/21/19 14:10	10/22/19 17:51	1
Heptachlor epoxide	0.050	U	0.050	0.0081	ug/L		10/21/19 14:10	10/22/19 17:51	1
Methoxychlor	0.050	U	0.050	0.0093	ug/L		10/21/19 14:10	10/22/19 17:51	1
Toxaphene	1.2	J	5.0	0.19	ug/L		10/21/19 14:10	10/22/19 17:51	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88			10 - 130			10/21/19 14:10	10/22/19 17:51	1
Tetrachloro-m-xylene	69			39 - 130			10/21/19 14:10	10/22/19 17:51	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: Duplicate 2 GW

Date Collected: 10/16/19 10:37
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 16:26	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120					10/25/19 16:26	1
1,2-Dichloroethane-d4 (Surr)	100		73 - 131					10/25/19 16:26	1
Dibromofluoromethane (Surr)	102		80 - 122					10/25/19 16:26	1
4-Bromofluorobenzene (Surr)	100		80 - 120					10/25/19 16:26	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U	0.049	0.0071	ug/L			10/21/19 14:10	10/22/19 18:06
alpha-BHC	0.034	J	0.049	0.0076	ug/L			10/21/19 14:10	10/22/19 18:06
cis-Chlordane	0.049	U	0.049	0.0098	ug/L			10/21/19 14:10	10/22/19 18:06
beta-BHC	1.5		0.24	0.059	ug/L			10/21/19 14:10	10/23/19 20:41
4,4'-DDD	0.049	U	0.049	0.0075	ug/L			10/21/19 14:10	10/22/19 18:06
4,4'-DDE	0.049	U	0.049	0.0072	ug/L			10/21/19 14:10	10/22/19 18:06
4,4'-DDT	0.049	U	0.049	0.0083	ug/L			10/21/19 14:10	10/22/19 18:06
delta-BHC	0.12		0.049	0.013	ug/L			10/21/19 14:10	10/22/19 18:06
Dieldrin	0.25		0.049	0.0084	ug/L			10/21/19 14:10	10/22/19 18:06
Endosulfan I	0.049	U	0.049	0.0080	ug/L			10/21/19 14:10	10/22/19 18:06
Endosulfan II	0.049	U	0.049	0.0083	ug/L			10/21/19 14:10	10/22/19 18:06
Endosulfan sulfate	0.049	U	0.049	0.0081	ug/L			10/21/19 14:10	10/22/19 18:06
Endrin	0.049	U	0.049	0.0086	ug/L			10/21/19 14:10	10/22/19 18:06
Endrin aldehyde	0.049	U	0.049	0.017	ug/L			10/21/19 14:10	10/22/19 18:06
Endrin ketone	0.22		0.049	0.0087	ug/L			10/21/19 14:10	10/22/19 18:06
gamma-BHC (Lindane)	0.036	J	0.049	0.0081	ug/L			10/21/19 14:10	10/22/19 18:06
trans-Chlordane	0.049	U	0.049	0.0083	ug/L			10/21/19 14:10	10/22/19 18:06
Heptachlor	0.049	U	0.049	0.0077	ug/L			10/21/19 14:10	10/22/19 18:06
Heptachlor epoxide	0.045	J p	0.049	0.0079	ug/L			10/21/19 14:10	10/22/19 18:06
Methoxychlor	0.049	U	0.049	0.0091	ug/L			10/21/19 14:10	10/22/19 18:06
Toxaphene	2.7	J	4.9	0.19	ug/L			10/21/19 14:10	10/22/19 18:06
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		10 - 130					10/21/19 14:10	10/22/19 18:06
Tetrachloro-m-xylene	70		39 - 130					10/21/19 14:10	10/22/19 18:06

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-30D

Lab Sample ID: 680-175670-21

Date Collected: 10/16/19 10:35

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 16:50	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
107			80 - 120					10/25/19 16:50	1
1,2-Dichloroethane-d4 (Surr)			73 - 131					10/25/19 16:50	1
Dibromofluoromethane (Surr)			80 - 122					10/25/19 16:50	1
4-Bromofluorobenzene (Surr)			80 - 120					10/25/19 16:50	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.050	U	0.050	0.0074	ug/L			10/22/19 14:05	10/23/19 18:40
alpha-BHC	0.035	J	0.050	0.0079	ug/L			10/22/19 14:05	10/23/19 18:40
cis-Chlordane	0.050	U	0.050	0.010	ug/L			10/22/19 14:05	10/23/19 18:40
beta-BHC	1.4		0.25	0.060	ug/L			10/22/19 14:05	10/30/19 18:19
4,4'-DDD	0.050	U	0.050	0.0078	ug/L			10/22/19 14:05	10/23/19 18:40
4,4'-DDE	0.050	U	0.050	0.0075	ug/L			10/22/19 14:05	10/23/19 18:40
4,4'-DDT	0.042	J p	0.050	0.0086	ug/L			10/22/19 14:05	10/23/19 18:40
delta-BHC	0.11		0.050	0.013	ug/L			10/22/19 14:05	10/23/19 18:40
Dieldrin	0.24		0.050	0.0087	ug/L			10/22/19 14:05	10/23/19 18:40
Endosulfan I	0.050	U	0.050	0.0083	ug/L			10/22/19 14:05	10/23/19 18:40
Endosulfan II	0.050	U	0.050	0.0086	ug/L			10/22/19 14:05	10/23/19 18:40
Endosulfan sulfate	0.050	U	0.050	0.0084	ug/L			10/22/19 14:05	10/23/19 18:40
Endrin	0.050	U	0.050	0.0089	ug/L			10/22/19 14:05	10/23/19 18:40
Endrin aldehyde	0.050	U	0.050	0.017	ug/L			10/22/19 14:05	10/23/19 18:40
Endrin ketone	0.25	*	0.050	0.0090	ug/L			10/22/19 14:05	10/23/19 18:40
gamma-BHC (Lindane)	0.026	J p	0.050	0.0084	ug/L			10/22/19 14:05	10/23/19 18:40
trans-Chlordane	0.050	U	0.050	0.0086	ug/L			10/22/19 14:05	10/23/19 18:40
Heptachlor	0.050	U	0.050	0.0080	ug/L			10/22/19 14:05	10/23/19 18:40
Heptachlor epoxide	0.031	J p	0.050	0.0082	ug/L			10/22/19 14:05	10/23/19 18:40
Methoxychlor	0.050	U	0.050	0.0094	ug/L			10/22/19 14:05	10/23/19 18:40
Toxaphene	2.4	J	5.0	0.19	ug/L			10/22/19 14:05	10/23/19 18:40
Surrogate									
DCB Decachlorobiphenyl	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
	64		10 - 130					10/22/19 14:05	10/23/19 18:40
Tetrachloro-m-xylene			39 - 130					10/22/19 14:05	10/23/19 18:40

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-5S

Lab Sample ID: 680-175670-22

Date Collected: 10/15/19 16:00

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U		0.0071	ug/L		10/22/19 14:05	10/23/19 18:55	1
alpha-BHC	0.12			0.0076	ug/L		10/22/19 14:05	10/23/19 18:55	1
cis-Chlordane	0.049	U		0.0097	ug/L		10/22/19 14:05	10/23/19 18:55	1
beta-BHC	8.4		1.2	0.29	ug/L		10/22/19 14:05	10/30/19 18:49	25
4,4'-DDD	0.049	U		0.0075	ug/L		10/22/19 14:05	10/23/19 18:55	1
4,4'-DDE	0.049	U		0.0072	ug/L		10/22/19 14:05	10/23/19 18:55	1
4,4'-DDT	0.24	U	0.24	0.041	ug/L		10/22/19 14:05	10/30/19 18:34	5
delta-BHC	1.7		0.24	0.063	ug/L		10/22/19 14:05	10/30/19 18:34	5
Dieldrin	2.2		0.24	0.042	ug/L		10/22/19 14:05	10/30/19 18:34	5
Endosulfan I	0.049	U		0.0080	ug/L		10/22/19 14:05	10/23/19 18:55	1
Endosulfan II	0.049	U		0.0082	ug/L		10/22/19 14:05	10/23/19 18:55	1
Endosulfan sulfate	0.049	U		0.0081	ug/L		10/22/19 14:05	10/23/19 18:55	1
Endrin	0.049	U		0.0085	ug/L		10/22/19 14:05	10/23/19 18:55	1
Endrin aldehyde	0.049	U		0.016	ug/L		10/22/19 14:05	10/23/19 18:55	1
Endrin ketone	0.96 *		0.24	0.043	ug/L		10/22/19 14:05	10/30/19 18:34	5
gamma-BHC (Lindane)	0.049	U		0.0081	ug/L		10/22/19 14:05	10/23/19 18:55	1
trans-Chlordane	0.049	U		0.0082	ug/L		10/22/19 14:05	10/23/19 18:55	1
Heptachlor	0.049	U		0.0077	ug/L		10/22/19 14:05	10/23/19 18:55	1
Heptachlor epoxide	0.049	U		0.0079	ug/L		10/22/19 14:05	10/23/19 18:55	1
Methoxychlor	0.049	U		0.0090	ug/L		10/22/19 14:05	10/23/19 18:55	1
Toxaphene	26 p		4.9	0.18	ug/L		10/22/19 14:05	10/23/19 18:55	1
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50	p		10 - 130			10/22/19 14:05	10/23/19 18:55	1
Tetrachloro-m-xylene	83			39 - 130			10/22/19 14:05	10/23/19 18:55	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-10S

Lab Sample ID: 680-175670-23

Date Collected: 10/15/19 14:24

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 17:14	1
Surrogate									
Toluene-d8 (Surr)	112	%Recovery	Qualifer	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91			80 - 120				10/25/19 17:14	1
Dibromofluoromethane (Surr)	97			73 - 131				10/25/19 17:14	1
4-Bromofluorobenzene (Surr)	102			80 - 122				10/25/19 17:14	1
80									
80	80	80	80	80	80	80	80	80	80

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L			10/22/19 14:05	10/23/19 19:09
alpha-BHC	0.042	J	0.048	0.0075	ug/L			10/22/19 14:05	10/23/19 19:09
cis-Chlordane	0.048	U	0.048	0.0096	ug/L			10/22/19 14:05	10/23/19 19:09
beta-BHC	6.1		0.96	0.23	ug/L			10/22/19 14:05	10/30/19 19:04
4,4'-DDD	0.048	U	0.048	0.0074	ug/L			10/22/19 14:05	10/23/19 19:09
4,4'-DDE	0.048	U	0.048	0.0071	ug/L			10/22/19 14:05	10/23/19 19:09
4,4'-DDT	0.10	p	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 19:09
delta-BHC	0.12		0.048	0.012	ug/L			10/22/19 14:05	10/23/19 19:09
Dieldrin	0.66	J	0.96	0.17	ug/L			10/22/19 14:05	10/30/19 19:04
Endosulfan I	0.048	U	0.048	0.0079	ug/L			10/22/19 14:05	10/23/19 19:09
Endosulfan II	0.048	U	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 19:09
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L			10/22/19 14:05	10/23/19 19:09
Endrin	0.048	U	0.048	0.0085	ug/L			10/22/19 14:05	10/23/19 19:09
Endrin aldehyde	0.048	U	0.048	0.016	ug/L			10/22/19 14:05	10/23/19 19:09
Endrin ketone	1.3	*	0.96	0.17	ug/L			10/22/19 14:05	10/30/19 19:04
gamma-BHC (Lindane)	0.035	J p	0.048	0.0080	ug/L			10/22/19 14:05	10/23/19 19:09
trans-Chlordane	0.048	U	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 19:09
Heptachlor	0.048	U	0.048	0.0076	ug/L			10/22/19 14:05	10/23/19 19:09
Heptachlor epoxide	0.15		0.048	0.0078	ug/L			10/22/19 14:05	10/23/19 19:09
Methoxychlor	0.048	U	0.048	0.0089	ug/L			10/22/19 14:05	10/23/19 19:09
Toxaphene	5.5		4.8	0.18	ug/L			10/22/19 14:05	10/23/19 19:09
Surrogate									
DCB Decachlorobiphenyl	53	%Recovery	Qualifer	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82			10 - 130				10/22/19 14:05	1
				39 - 130				10/22/19 14:05	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-11D
Date Collected: 10/15/19 13:07
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 17:38	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120					10/25/19 17:38	1
1,2-Dichloroethane-d4 (Surr)	97		73 - 131					10/25/19 17:38	1
Dibromofluoromethane (Surr)	102		80 - 122					10/25/19 17:38	1
4-Bromofluorobenzene (Surr)	102		80 - 120					10/25/19 17:38	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.052	U	0.052	0.0076	ug/L			10/22/19 14:05	10/23/19 19:23
alpha-BHC	0.048	J	0.052	0.0081	ug/L			10/22/19 14:05	10/23/19 19:23
cis-Chlordane	0.052	U	0.052	0.010	ug/L			10/22/19 14:05	10/23/19 19:23
beta-BHC	2.5		0.52	0.12	ug/L			10/22/19 14:05	10/30/19 19:19
4,4'-DDD	0.052	U	0.052	0.0080	ug/L			10/22/19 14:05	10/23/19 19:23
4,4'-DDE	0.052	U	0.052	0.0077	ug/L			10/22/19 14:05	10/23/19 19:23
4,4'-DDT	0.054	p	0.052	0.0088	ug/L			10/22/19 14:05	10/23/19 19:23
delta-BHC	0.12		0.052	0.013	ug/L			10/22/19 14:05	10/23/19 19:23
Dieldrin	0.27		0.052	0.0089	ug/L			10/22/19 14:05	10/23/19 19:23
Endosulfan I	0.052	U	0.052	0.0085	ug/L			10/22/19 14:05	10/23/19 19:23
Endosulfan II	0.052	U	0.052	0.0088	ug/L			10/22/19 14:05	10/23/19 19:23
Endosulfan sulfate	0.052	U	0.052	0.0086	ug/L			10/22/19 14:05	10/23/19 19:23
Endrin	0.052	U	0.052	0.0091	ug/L			10/22/19 14:05	10/23/19 19:23
Endrin aldehyde	0.052	U	0.052	0.018	ug/L			10/22/19 14:05	10/23/19 19:23
Endrin ketone	0.37	*	0.052	0.0092	ug/L			10/22/19 14:05	10/23/19 19:23
gamma-BHC (Lindane)	0.034	J p	0.052	0.0086	ug/L			10/22/19 14:05	10/23/19 19:23
trans-Chlordane	0.052	U	0.052	0.0088	ug/L			10/22/19 14:05	10/23/19 19:23
Heptachlor	0.052	U	0.052	0.0082	ug/L			10/22/19 14:05	10/23/19 19:23
Heptachlor epoxide	0.041	J p	0.052	0.0084	ug/L			10/22/19 14:05	10/23/19 19:23
Methoxychlor	0.052	U	0.052	0.0096	ug/L			10/22/19 14:05	10/23/19 19:23
Toxaphene	3.0	J	5.2	0.20	ug/L			10/22/19 14:05	10/23/19 19:23
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40		10 - 130					10/22/19 14:05	10/23/19 19:23
Tetrachloro-m-xylene	81		39 - 130					10/22/19 14:05	10/23/19 19:23

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: Dup-1

Date Collected: 10/15/19 11:15
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-25

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 18:03	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120					10/25/19 18:03	1
1,2-Dichloroethane-d4 (Surr)	98		73 - 131					10/25/19 18:03	1
Dibromofluoromethane (Surr)	102		80 - 122					10/25/19 18:03	1
4-Bromofluorobenzene (Surr)	98		80 - 120					10/25/19 18:03	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.051	U	0.051	0.0075	ug/L			10/22/19 14:05	10/23/19 19:37
alpha-BHC	0.051	U	0.051	0.0080	ug/L			10/22/19 14:05	10/23/19 19:37
cis-Chlordane	0.051	U	0.051	0.010	ug/L			10/22/19 14:05	10/23/19 19:37
beta-BHC	0.051	U	0.051	0.012	ug/L			10/22/19 14:05	10/23/19 19:37
4,4'-DDD	0.051	U	0.051	0.0079	ug/L			10/22/19 14:05	10/23/19 19:37
4,4'-DDE	0.051	U	0.051	0.0076	ug/L			10/22/19 14:05	10/23/19 19:37
4,4'-DDT	0.051	U	0.051	0.0087	ug/L			10/22/19 14:05	10/23/19 19:37
delta-BHC	0.051	U	0.051	0.013	ug/L			10/22/19 14:05	10/23/19 19:37
Dieldrin	0.051	U	0.051	0.0088	ug/L			10/22/19 14:05	10/23/19 19:37
Endosulfan I	0.051	U	0.051	0.0084	ug/L			10/22/19 14:05	10/23/19 19:37
Endosulfan II	0.051	U	0.051	0.0087	ug/L			10/22/19 14:05	10/23/19 19:37
Endosulfan sulfate	0.051	U	0.051	0.0085	ug/L			10/22/19 14:05	10/23/19 19:37
Endrin	0.051	U	0.051	0.0090	ug/L			10/22/19 14:05	10/23/19 19:37
Endrin aldehyde	0.051	U	0.051	0.017	ug/L			10/22/19 14:05	10/23/19 19:37
Endrin ketone	0.011	J	0.051	0.0091	ug/L			10/22/19 14:05	10/23/19 19:37
gamma-BHC (Lindane)	0.051	U	0.051	0.0085	ug/L			10/22/19 14:05	10/23/19 19:37
trans-Chlordane	0.051	U	0.051	0.0087	ug/L			10/22/19 14:05	10/23/19 19:37
Heptachlor	0.051	U	0.051	0.0081	ug/L			10/22/19 14:05	10/23/19 19:37
Heptachlor epoxide	0.051	U	0.051	0.0083	ug/L			10/22/19 14:05	10/23/19 19:37
Methoxychlor	0.051	U	0.051	0.0095	ug/L			10/22/19 14:05	10/23/19 19:37
Toxaphene	5.1	U	5.1	0.19	ug/L			10/22/19 14:05	10/23/19 19:37
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		10 - 130					10/22/19 14:05	10/23/19 19:37
Tetrachloro-m-xylene	95		39 - 130					10/22/19 14:05	10/23/19 19:37

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-16S

Date Collected: 10/15/19 11:13
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-26

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 18:27	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 120					10/25/19 18:27	1
1,2-Dichloroethane-d4 (Surr)	99		73 - 131					10/25/19 18:27	1
Dibromofluoromethane (Surr)	102		80 - 122					10/25/19 18:27	1
4-Bromofluorobenzene (Surr)	112		80 - 120					10/25/19 18:27	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.051	U	0.051	0.0074	ug/L			10/22/19 14:05	10/23/19 19:52
alpha-BHC	0.051	U	0.051	0.0080	ug/L			10/22/19 14:05	10/23/19 19:52
cis-Chlordane	0.051	U	0.051	0.010	ug/L			10/22/19 14:05	10/23/19 19:52
beta-BHC	0.051	U	0.051	0.012	ug/L			10/22/19 14:05	10/23/19 19:52
4,4'-DDD	0.051	U	0.051	0.0079	ug/L			10/22/19 14:05	10/23/19 19:52
4,4'-DDE	0.051	U	0.051	0.0075	ug/L			10/22/19 14:05	10/23/19 19:52
4,4'-DDT	0.051	U	0.051	0.0087	ug/L			10/22/19 14:05	10/23/19 19:52
delta-BHC	0.051	U	0.051	0.013	ug/L			10/22/19 14:05	10/23/19 19:52
Dieldrin	0.051	U	0.051	0.0088	ug/L			10/22/19 14:05	10/23/19 19:52
Endosulfan I	0.051	U	0.051	0.0084	ug/L			10/22/19 14:05	10/23/19 19:52
Endosulfan II	0.051	U	0.051	0.0087	ug/L			10/22/19 14:05	10/23/19 19:52
Endosulfan sulfate	0.051	U	0.051	0.0085	ug/L			10/22/19 14:05	10/23/19 19:52
Endrin	0.051	U	0.051	0.0090	ug/L			10/22/19 14:05	10/23/19 19:52
Endrin aldehyde	0.051	U	0.051	0.017	ug/L			10/22/19 14:05	10/23/19 19:52
Endrin ketone	0.012	J*	0.051	0.0091	ug/L			10/22/19 14:05	10/23/19 19:52
gamma-BHC (Lindane)	0.051	U	0.051	0.0085	ug/L			10/22/19 14:05	10/23/19 19:52
trans-Chlordane	0.051	U	0.051	0.0087	ug/L			10/22/19 14:05	10/23/19 19:52
Heptachlor	0.051	U	0.051	0.0081	ug/L			10/22/19 14:05	10/23/19 19:52
Heptachlor epoxide	0.051	U	0.051	0.0083	ug/L			10/22/19 14:05	10/23/19 19:52
Methoxychlor	0.051	U	0.051	0.0095	ug/L			10/22/19 14:05	10/23/19 19:52
Toxaphene	5.1	U	5.1	0.19	ug/L			10/22/19 14:05	10/23/19 19:52
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		10 - 130					10/22/19 14:05	10/23/19 19:52
Tetrachloro-m-xylene	87		39 - 130					10/22/19 14:05	10/23/19 19:52

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-17S

Date Collected: 10/15/19 12:00

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-27

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 18:52	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					10/25/19 18:52	1
Dibromofluoromethane (Surr)	96		73 - 131					10/25/19 18:52	1
4-Bromofluorobenzene (Surr)	102		80 - 122					10/25/19 18:52	1
	94		80 - 120					10/25/19 18:52	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U	0.049	0.0071	ug/L			10/22/19 14:05	10/23/19 20:06
alpha-BHC	0.049	U	0.049	0.0076	ug/L			10/22/19 14:05	10/23/19 20:06
cis-Chlordane	0.049	U	0.049	0.0097	ug/L			10/22/19 14:05	10/23/19 20:06
beta-BHC	0.049	U	0.049	0.012	ug/L			10/22/19 14:05	10/23/19 20:06
4,4'-DDD	0.049	U	0.049	0.0075	ug/L			10/22/19 14:05	10/23/19 20:06
4,4'-DDE	0.049	U	0.049	0.0072	ug/L			10/22/19 14:05	10/23/19 20:06
4,4'-DDT	0.049	U	0.049	0.0083	ug/L			10/22/19 14:05	10/23/19 20:06
delta-BHC	0.049	U	0.049	0.013	ug/L			10/22/19 14:05	10/23/19 20:06
Dieldrin	0.049	U	0.049	0.0084	ug/L			10/22/19 14:05	10/23/19 20:06
Endosulfan I	0.049	U	0.049	0.0080	ug/L			10/22/19 14:05	10/23/19 20:06
Endosulfan II	0.049	U	0.049	0.0083	ug/L			10/22/19 14:05	10/23/19 20:06
Endosulfan sulfate	0.049	U	0.049	0.0081	ug/L			10/22/19 14:05	10/23/19 20:06
Endrin	0.049	U	0.049	0.0085	ug/L			10/22/19 14:05	10/23/19 20:06
Endrin aldehyde	0.049	U	0.049	0.017	ug/L			10/22/19 14:05	10/23/19 20:06
Endrin ketone	0.049	U	0.049	0.0086	ug/L			10/22/19 14:05	10/23/19 20:06
gamma-BHC (Lindane)	0.049	U	0.049	0.0081	ug/L			10/22/19 14:05	10/23/19 20:06
trans-Chlordane	0.049	U	0.049	0.0083	ug/L			10/22/19 14:05	10/23/19 20:06
Heptachlor	0.049	U	0.049	0.0077	ug/L			10/22/19 14:05	10/23/19 20:06
Heptachlor epoxide	0.049	U	0.049	0.0079	ug/L			10/22/19 14:05	10/23/19 20:06
Methoxychlor	0.049	U	0.049	0.0090	ug/L			10/22/19 14:05	10/23/19 20:06
Toxaphene	4.9	U	4.9	0.18	ug/L			10/22/19 14:05	10/23/19 20:06
Surrogate									
DCB Decachlorobiphenyl	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
	62		10 - 130					10/22/19 14:05	10/23/19 20:06
Tetrachloro-m-xylene	88		39 - 130					10/22/19 14:05	10/23/19 20:06

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-18S

Lab Sample ID: 680-175670-28

Date Collected: 10/15/19 12:32

Matrix: Water

Date Received: 10/18/19 09:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 19:16	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120					10/25/19 19:16	1
Dibromofluoromethane (Surr)	98		73 - 131					10/25/19 19:16	1
4-Bromofluorobenzene (Surr)	101		80 - 122					10/25/19 19:16	1
	104		80 - 120					10/25/19 19:16	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0071	ug/L			10/22/19 14:05	10/23/19 20:20
alpha-BHC	0.048	U	0.048	0.0075	ug/L			10/22/19 14:05	10/23/19 20:20
cis-Chlordane	0.048	U	0.048	0.0097	ug/L			10/22/19 14:05	10/23/19 20:20
beta-BHC	0.077		0.048	0.012	ug/L			10/22/19 14:05	10/23/19 20:20
4,4'-DDD	0.048	U	0.048	0.0074	ug/L			10/22/19 14:05	10/23/19 20:20
4,4'-DDE	0.048	U	0.048	0.0072	ug/L			10/22/19 14:05	10/23/19 20:20
4,4'-DDT	0.048	U	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 20:20
delta-BHC	0.048	U	0.048	0.013	ug/L			10/22/19 14:05	10/23/19 20:20
Dieldrin	0.014 J		0.048	0.0083	ug/L			10/22/19 14:05	10/23/19 20:20
Endosulfan I	0.048	U	0.048	0.0079	ug/L			10/22/19 14:05	10/23/19 20:20
Endosulfan II	0.048	U	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 20:20
Endosulfan sulfate	0.048	U	0.048	0.0080	ug/L			10/22/19 14:05	10/23/19 20:20
Endrin	0.048	U	0.048	0.0085	ug/L			10/22/19 14:05	10/23/19 20:20
Endrin aldehyde	0.048	U	0.048	0.016	ug/L			10/22/19 14:05	10/23/19 20:20
Endrin ketone	0.019 J		0.048	0.0086	ug/L			10/22/19 14:05	10/23/19 20:20
gamma-BHC (Lindane)	0.048	U	0.048	0.0080	ug/L			10/22/19 14:05	10/23/19 20:20
trans-Chlordane	0.048	U	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 20:20
Heptachlor	0.048	U	0.048	0.0076	ug/L			10/22/19 14:05	10/23/19 20:20
Heptachlor epoxide	0.048	U	0.048	0.0078	ug/L			10/22/19 14:05	10/23/19 20:20
Methoxychlor	0.048	U	0.048	0.0090	ug/L			10/22/19 14:05	10/23/19 20:20
Toxaphene	4.8	U	4.8	0.18	ug/L			10/22/19 14:05	10/23/19 20:20
Surrogate									
DCB Decachlorobiphenyl	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		10 - 130					10/22/19 14:05	10/23/19 20:20
	82		39 - 130					10/22/19 14:05	10/23/19 20:20

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-592895/9

Matrix: Water

Analysis Batch: 592895

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 12:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		10/25/19 12:49	1
1,2-Dichloroethane-d4 (Surr)	98		73 - 131		10/25/19 12:49	1
Dibromofluoromethane (Surr)	95		80 - 122		10/25/19 12:49	1
4-Bromofluorobenzene (Surr)	99		80 - 120		10/25/19 12:49	1

Lab Sample ID: LCS 680-592895/3

Matrix: Water

Analysis Batch: 592895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
Trichloroethene	50.0	52.2		ug/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	105		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		73 - 131
Dibromofluoromethane (Surr)	100		80 - 122
4-Bromofluorobenzene (Surr)	98		80 - 120

Lab Sample ID: LCSD 680-592895/4

Matrix: Water

Analysis Batch: 592895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
Trichloroethene	50.0	52.5		ug/L		105	80 - 120	0

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		73 - 131
Dibromofluoromethane (Surr)	97		80 - 122
4-Bromofluorobenzene (Surr)	97		80 - 120

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-592015/20-A

Matrix: Water

Analysis Batch: 592343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		10/21/19 14:10	10/22/19 17:44	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		10/21/19 14:10	10/22/19 17:44	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		10/21/19 14:10	10/22/19 17:44	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		10/21/19 14:10	10/22/19 17:44	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		10/21/19 14:10	10/22/19 17:44	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		10/21/19 14:10	10/22/19 17:44	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-592015/20-A
Matrix: Water
Analysis Batch: 592343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592015

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDT	0.013	U	0.013	0.0021	ug/L		10/21/19 14:10	10/22/19 17:44	1
delta-BHC	0.013	U	0.013	0.0033	ug/L		10/21/19 14:10	10/22/19 17:44	1
Dieldrin	0.013	U	0.013	0.0022	ug/L		10/21/19 14:10	10/22/19 17:44	1
Endosulfan I	0.013	U	0.013	0.0021	ug/L		10/21/19 14:10	10/22/19 17:44	1
Endosulfan II	0.013	U	0.013	0.0021	ug/L		10/21/19 14:10	10/22/19 17:44	1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L		10/21/19 14:10	10/22/19 17:44	1
Endrin	0.013	U	0.013	0.0022	ug/L		10/21/19 14:10	10/22/19 17:44	1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L		10/21/19 14:10	10/22/19 17:44	1
Endrin ketone	0.013	U	0.013	0.0022	ug/L		10/21/19 14:10	10/22/19 17:44	1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L		10/21/19 14:10	10/22/19 17:44	1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L		10/21/19 14:10	10/22/19 17:44	1
Heptachlor	0.013	U	0.013	0.0020	ug/L		10/21/19 14:10	10/22/19 17:44	1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L		10/21/19 14:10	10/22/19 17:44	1
Methoxychlor	0.013	U	0.013	0.0023	ug/L		10/21/19 14:10	10/22/19 17:44	1
Toxaphene	1.3	U	1.3	0.048	ug/L		10/21/19 14:10	10/22/19 17:44	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	79		10 - 130	10/21/19 14:10	10/22/19 17:44	1
Tetrachloro-m-xylene	81		39 - 130	10/21/19 14:10	10/22/19 17:44	1

Lab Sample ID: LCS 680-592015/21-A
Matrix: Water
Analysis Batch: 592343

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592015

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
Aldrin	0.0250	0.0214		ug/L		86	48 - 130	
alpha-BHC	0.0250	0.0258		ug/L		103	45 - 130	
cis-Chlordane	0.0250	0.0237		ug/L		95	60 - 130	
beta-BHC	0.0250	0.0250		ug/L		100	50 - 130	
4,4'-DDD	0.0250	0.0260		ug/L		104	52 - 130	
4,4'-DDE	0.0250	0.0226		ug/L		90	48 - 130	
4,4'-DDT	0.0250	0.0264		ug/L		106	59 - 130	
delta-BHC	0.0250	0.0262		ug/L		105	47 - 140	
Dieldrin	0.0250	0.0243		ug/L		97	55 - 130	
Endosulfan I	0.0250	0.0189		ug/L		76	27 - 130	
Endosulfan II	0.0250	0.0300		ug/L		120	39 - 130	
Endosulfan sulfate	0.0250	0.0239		ug/L		96	57 - 130	
Endrin	0.0250	0.0283		ug/L		113	62 - 131	
Endrin aldehyde	0.0250	0.0225		ug/L		90	39 - 177	
Endrin ketone	0.0250	0.0241		ug/L		96	47 - 130	
gamma-BHC (Lindane)	0.0250	0.0237		ug/L		95	47 - 130	
trans-Chlordane	0.0250	0.0227	p	ug/L		91	50 - 145	
Heptachlor	0.0250	0.0224		ug/L		90	49 - 130	
Heptachlor epoxide	0.0250	0.0227		ug/L		91	54 - 130	
Methoxychlor	0.0250	0.0286		ug/L		114	53 - 130	

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-592015/21-A

Matrix: Water

Analysis Batch: 592343

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 592015

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	79				10 - 130
Tetrachloro-m-xylene	81				39 - 130

Lab Sample ID: LCSD 680-592015/22-A

Matrix: Water

Analysis Batch: 592343

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 592015

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
Aldrin	0.0250	0.0198		ug/L		79	48 - 130	8	40
alpha-BHC	0.0250	0.0226		ug/L		90	45 - 130	13	30
cis-Chlordane	0.0250	0.0218		ug/L		87	60 - 130	8	50
beta-BHC	0.0250	0.0238		ug/L		95	50 - 130	5	40
4,4'-DDD	0.0250	0.0214		ug/L		85	52 - 130	20	40
4,4'-DDE	0.0250	0.0195		ug/L		78	48 - 130	14	30
4,4'-DDT	0.0250	0.0220		ug/L		88	59 - 130	18	40
delta-BHC	0.0250	0.0253		ug/L		101	47 - 140	3	30
Dieldrin	0.0250	0.0231		ug/L		92	55 - 130	5	30
Endosulfan I	0.0250	0.0178		ug/L		71	27 - 130	6	30
Endosulfan II	0.0250	0.0240		ug/L		96	39 - 130	22	30
Endosulfan sulfate	0.0250	0.0222		ug/L		89	57 - 130	7	40
Endrin	0.0250	0.0260		ug/L		104	62 - 131	8	30
Endrin aldehyde	0.0250	0.0229		ug/L		92	39 - 177	2	40
Endrin ketone	0.0250	0.0216		ug/L		87	47 - 130	11	40
gamma-BHC (Lindane)	0.0250	0.0229		ug/L		92	47 - 130	4	30
trans-Chlordane	0.0250	0.0210	p	ug/L		84	50 - 145	8	50
Heptachlor	0.0250	0.0204		ug/L		82	49 - 130	9	30
Heptachlor epoxide	0.0250	0.0209		ug/L		83	54 - 130	8	40
Methoxychlor	0.0250	0.0251		ug/L		100	53 - 130	13	40

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	64				10 - 130
Tetrachloro-m-xylene	66				39 - 130

Lab Sample ID: MB 680-592292/16-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592292

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		10/22/19 14:05	10/23/19 17:01	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		10/22/19 14:05	10/23/19 17:01	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDT	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
delta-BHC	0.013	U	0.013	0.0033	ug/L		10/22/19 14:05	10/23/19 17:01	1
Dieldrin	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-592292/16-A
Matrix: Water
Analysis Batch: 592558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592292

Analyte	MB		RL	MDL	Unit	D	Prepared		Analyzed	Dil Fac
	Result	Qualifier					Prepared	Analyzed		
Endosulfan I	0.013	U	0.013	0.0021	ug/L	10/22/19	14:05	10/23/19	17:01	1
Endosulfan II	0.013	U	0.013	0.0021	ug/L	10/22/19	14:05	10/23/19	17:01	1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L	10/22/19	14:05	10/23/19	17:01	1
Endrin	0.013	U	0.013	0.0022	ug/L	10/22/19	14:05	10/23/19	17:01	1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L	10/22/19	14:05	10/23/19	17:01	1
Endrin ketone	0.013	U	0.013	0.0022	ug/L	10/22/19	14:05	10/23/19	17:01	1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L	10/22/19	14:05	10/23/19	17:01	1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L	10/22/19	14:05	10/23/19	17:01	1
Heptachlor	0.013	U	0.013	0.0020	ug/L	10/22/19	14:05	10/23/19	17:01	1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L	10/22/19	14:05	10/23/19	17:01	1
Methoxychlor	0.013	U	0.013	0.0023	ug/L	10/22/19	14:05	10/23/19	17:01	1
Toxaphene	1.3	U	1.3	0.048	ug/L	10/22/19	14:05	10/23/19	17:01	1
Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac				
	%Recovery	Qualifier					Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl	62		10 - 130	10/22/19 14:05	10/23/19 17:01	1				
Tetrachloro-m-xylene	92		39 - 130	10/22/19 14:05	10/23/19 17:01	1				

Lab Sample ID: LCS 680-592292/17-A
Matrix: Water
Analysis Batch: 592558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592292

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
	Added	Result						Limits	
Aldrin	0.0250	0.0271	ug/L	109	48 - 130				
alpha-BHC	0.0250	0.0307	ug/L	123	45 - 130				
cis-Chlordane	0.0250	0.0282	ug/L	113	60 - 130				
beta-BHC	0.0250	0.0278	ug/L	111	50 - 130				
4,4'-DDD	0.0250	0.0322	ug/L	129	52 - 130				
4,4'-DDE	0.0250	0.0281	ug/L	113	48 - 130				
4,4'-DDT	0.0250	0.0284	ug/L	113	59 - 130				
delta-BHC	0.0250	0.0284	ug/L	114	47 - 140				
Dieldrin	0.0250	0.0292	ug/L	117	55 - 130				
Endosulfan I	0.0250	0.0235	ug/L	94	27 - 130				
Endosulfan II	0.0250	0.0258	ug/L	103	39 - 130				
Endosulfan sulfate	0.0250	0.0300	ug/L	120	57 - 130				
Endrin	0.0250	0.0291	ug/L	116	62 - 131				
Endrin aldehyde	0.0250	0.0272	ug/L	109	39 - 177				
Endrin ketone	0.0250	0.0333 *	ug/L	133	47 - 130				
gamma-BHC (Lindane)	0.0250	0.0292	ug/L	117	47 - 130				
trans-Chlordane	0.0250	0.0324	ug/L	130	50 - 145				
Heptachlor	0.0250	0.0263	ug/L	105	49 - 130				
Heptachlor epoxide	0.0250	0.0283	ug/L	113	54 - 130				
Methoxychlor	0.0250	0.0287	ug/L	115	53 - 130				
Surrogate	LCS		LCS Result	LCS Qualifier	Limits	D	%Rec		
	%Recovery	Qualifier						Limits	
DCB Decachlorobiphenyl	71		10 - 130						
Tetrachloro-m-xylene	99		39 - 130						

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCSD 680-592292/18-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 592292

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	0.0250	0.0229		ug/L		92	48 - 130	17	40
alpha-BHC	0.0250	0.0265		ug/L		106	45 - 130	15	30
cis-Chlordane	0.0250	0.0246		ug/L		98	60 - 130	14	50
beta-BHC	0.0250	0.0243		ug/L		97	50 - 130	14	40
4,4'-DDD	0.0250	0.0276		ug/L		111	52 - 130	15	40
4,4'-DDE	0.0250	0.0246		ug/L		98	48 - 130	13	30
4,4'-DDT	0.0250	0.0275		ug/L		110	59 - 130	3	40
delta-BHC	0.0250	0.0252		ug/L		101	47 - 140	12	30
Dieldrin	0.0250	0.0261		ug/L		105	55 - 130	11	30
Endosulfan I	0.0250	0.0208		ug/L		83	27 - 130	13	30
Endosulfan II	0.0250	0.0234		ug/L		94	39 - 130	10	30
Endosulfan sulfate	0.0250	0.0274		ug/L		110	57 - 130	9	40
Endrin	0.0250	0.0259		ug/L		104	62 - 131	11	30
Endrin aldehyde	0.0250	0.0259		ug/L		103	39 - 177	5	40
Endrin ketone	0.0250	0.0301		ug/L		121	47 - 130	10	40
gamma-BHC (Lindane)	0.0250	0.0252		ug/L		101	47 - 130	15	30
trans-Chlordane	0.0250	0.0302		ug/L		121	50 - 145	7	50
Heptachlor	0.0250	0.0225		ug/L		90	49 - 130	15	30
Heptachlor epoxide	0.0250	0.0250		ug/L		100	54 - 130	12	40
Methoxychlor	0.0250	0.0267		ug/L		107	53 - 130	7	40

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	71		10 - 130
Tetrachloro-m-xylene	83		39 - 130

Method: 160.2 - Solids, Total Suspended (TSS)

Lab Sample ID: MB 680-591936/1

Matrix: Water

Analysis Batch: 591936

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U		1.0	mg/L			10/20/19 14:10	1

Lab Sample ID: LCS 680-591936/2

Matrix: Water

Analysis Batch: 591936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	%Rec. Limits
Total Suspended Solids	20.0	20.5		mg/L		103	80 - 120

Lab Sample ID: LCSD 680-591936/3

Matrix: Water

Analysis Batch: 591936

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	%Rec. Limits	RPD	RPD Limit
Total Suspended Solids	20.0	19.5		mg/L		98	80 - 120	5	25

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Method: 160.2 - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: MB 680-592633/1

Matrix: Water

Analysis Batch: 592633

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/23/19 17:21	1

Lab Sample ID: LCS 680-592633/2

Matrix: Water

Analysis Batch: 592633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	20.0	20.5		mg/L		103	80 - 120

Lab Sample ID: LCSD 680-592633/3

Matrix: Water

Analysis Batch: 592633

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Suspended Solids	20.0	23.5		mg/L		118	80 - 120	14	25

Client Sample ID: Method Blank

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

GC/MS VOA

Analysis Batch: 592895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-14	MW-18D	Total/NA	Water	8260B	
680-175670-20	Duplicate 2 GW	Total/NA	Water	8260B	
680-175670-21	MW-30D	Total/NA	Water	8260B	
680-175670-23	MW-10S	Total/NA	Water	8260B	
680-175670-24	MW-11D	Total/NA	Water	8260B	
680-175670-25	Dup-1	Total/NA	Water	8260B	
680-175670-26	MW-16S	Total/NA	Water	8260B	
680-175670-27	MW-17S	Total/NA	Water	8260B	
680-175670-28	MW-18S	Total/NA	Water	8260B	
MB 680-592895/9	Method Blank	Total/NA	Water	8260B	
LCS 680-592895/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-592895/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 592015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-1	SW-01	Total/NA	Water	3520C	
680-175670-2	SW-02	Total/NA	Water	3520C	
680-175670-3	SW-03	Total/NA	Water	3520C	
680-175670-4	SW-04	Total/NA	Water	3520C	
680-175670-5	SW-05	Total/NA	Water	3520C	
680-175670-6	SW-11-2	Total/NA	Water	3520C	
680-175670-7	SW-06	Total/NA	Water	3520C	
680-175670-8	SW-07	Total/NA	Water	3520C	
680-175670-9	SW-08	Total/NA	Water	3520C	
680-175670-10	SW-09	Total/NA	Water	3520C	
680-175670-11	Duplicate SW	Total/NA	Water	3520C	
680-175670-12	MW-4S	Total/NA	Water	3520C	
680-175670-13	MW-6S	Total/NA	Water	3520C	
680-175670-14	MW-18D	Total/NA	Water	3520C	
680-175670-16	MW-36L	Total/NA	Water	3520C	
680-175670-17	MW-22D	Total/NA	Water	3520C	
680-175670-18	MW-20D	Total/NA	Water	3520C	
680-175670-19	MW-22L	Total/NA	Water	3520C	
680-175670-20	Duplicate 2 GW	Total/NA	Water	3520C	
MB 680-592015/20-A	Method Blank	Total/NA	Water	3520C	
LCS 680-592015/21-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-592015/22-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Prep Batch: 592292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-21	MW-30D	Total/NA	Water	3520C	
680-175670-22	MW-5S	Total/NA	Water	3520C	
680-175670-23	MW-10S	Total/NA	Water	3520C	
680-175670-24	MW-11D	Total/NA	Water	3520C	
680-175670-25	Dup-1	Total/NA	Water	3520C	
680-175670-26	MW-16S	Total/NA	Water	3520C	
680-175670-27	MW-17S	Total/NA	Water	3520C	
680-175670-28	MW-18S	Total/NA	Water	3520C	
MB 680-592292/16-A	Method Blank	Total/NA	Water	3520C	

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

GC Semi VOA (Continued)

Prep Batch: 592292 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-592292/17-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-592292/18-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 592343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-1	SW-01	Total/NA	Water	8081B/8082A	592015
680-175670-2	SW-02	Total/NA	Water	8081B/8082A	592015
680-175670-3	SW-03	Total/NA	Water	8081B/8082A	592015
680-175670-4	SW-04	Total/NA	Water	8081B/8082A	592015
680-175670-5	SW-05	Total/NA	Water	8081B/8082A	592015
680-175670-6	SW-11-2	Total/NA	Water	8081B/8082A	592015
680-175670-7	SW-06	Total/NA	Water	8081B/8082A	592015
680-175670-8	SW-07	Total/NA	Water	8081B/8082A	592015
680-175670-9	SW-08	Total/NA	Water	8081B/8082A	592015
680-175670-10	SW-09	Total/NA	Water	8081B/8082A	592015
680-175670-11	Duplicate SW	Total/NA	Water	8081B/8082A	592015
680-175670-12	MW-4S	Total/NA	Water	8081B/8082A	592015
680-175670-13	MW-6S	Total/NA	Water	8081B/8082A	592015
680-175670-14	MW-18D	Total/NA	Water	8081B/8082A	592015
680-175670-16	MW-36L	Total/NA	Water	8081B/8082A	592015
680-175670-17	MW-22D	Total/NA	Water	8081B/8082A	592015
680-175670-18	MW-20D	Total/NA	Water	8081B/8082A	592015
MB 680-592015/20-A	Method Blank	Total/NA	Water	8081B/8082A	592015
LCS 680-592015/21-A	Lab Control Sample	Total/NA	Water	8081B/8082A	592015
LCSD 680-592015/22-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	592015

Analysis Batch: 592349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-19	MW-22L	Total/NA	Water	8081B/8082A	592015
680-175670-20	Duplicate 2 GW	Total/NA	Water	8081B/8082A	592015

Analysis Batch: 592558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-21	MW-30D	Total/NA	Water	8081B/8082A	592292
680-175670-22	MW-5S	Total/NA	Water	8081B/8082A	592292
680-175670-23	MW-10S	Total/NA	Water	8081B/8082A	592292
680-175670-24	MW-11D	Total/NA	Water	8081B/8082A	592292
680-175670-25	Dup-1	Total/NA	Water	8081B/8082A	592292
680-175670-26	MW-16S	Total/NA	Water	8081B/8082A	592292
680-175670-27	MW-17S	Total/NA	Water	8081B/8082A	592292
680-175670-28	MW-18S	Total/NA	Water	8081B/8082A	592292
MB 680-592292/16-A	Method Blank	Total/NA	Water	8081B/8082A	592292
LCS 680-592292/17-A	Lab Control Sample	Total/NA	Water	8081B/8082A	592292
LCSD 680-592292/18-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	592292

Analysis Batch: 592568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-12	MW-4S	Total/NA	Water	8081B/8082A	592015
680-175670-13	MW-6S	Total/NA	Water	8081B/8082A	592015
680-175670-14	MW-18D	Total/NA	Water	8081B/8082A	592015
680-175670-20	Duplicate 2 GW	Total/NA	Water	8081B/8082A	592015

Eurofins TestAmerica, Savannah

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

GC Semi VOA

Analysis Batch: 593715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-21	MW-30D	Total/NA	Water	8081B/8082A	592292
680-175670-22	MW-5S	Total/NA	Water	8081B/8082A	592292
680-175670-22	MW-5S	Total/NA	Water	8081B/8082A	592292
680-175670-23	MW-10S	Total/NA	Water	8081B/8082A	592292
680-175670-24	MW-11D	Total/NA	Water	8081B/8082A	592292

General Chemistry

Analysis Batch: 591936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-1	SW-01	Total/NA	Water	160.2	9
680-175670-2	SW-02	Total/NA	Water	160.2	10
680-175670-3	SW-03	Total/NA	Water	160.2	11
680-175670-4	SW-04	Total/NA	Water	160.2	12
680-175670-5	SW-05	Total/NA	Water	160.2	
680-175670-6	SW-11-2	Total/NA	Water	160.2	
680-175670-7	SW-06	Total/NA	Water	160.2	
680-175670-8	SW-07	Total/NA	Water	160.2	
MB 680-591936/1	Method Blank	Total/NA	Water	160.2	
LCS 680-591936/2	Lab Control Sample	Total/NA	Water	160.2	
LCSD 680-591936/3	Lab Control Sample Dup	Total/NA	Water	160.2	

Analysis Batch: 592633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175670-9	SW-08	Total/NA	Water	160.2	
680-175670-10	SW-09	Total/NA	Water	160.2	
680-175670-11	Duplicate SW	Total/NA	Water	160.2	
MB 680-592633/1	Method Blank	Total/NA	Water	160.2	
LCS 680-592633/2	Lab Control Sample	Total/NA	Water	160.2	
LCSD 680-592633/3	Lab Control Sample Dup	Total/NA	Water	160.2	

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-01

Date Collected: 10/16/19 13:22

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 18:32	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 15:00	JAW	TAL SAV

Client Sample ID: SW-02

Date Collected: 10/16/19 13:34

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 18:48	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 14:51	JAW	TAL SAV

Client Sample ID: SW-03

Date Collected: 10/16/19 13:51

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 19:04	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 14:51	JAW	TAL SAV

Client Sample ID: SW-04

Date Collected: 10/16/19 14:10

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 19:20	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 15:00	JAW	TAL SAV

Client Sample ID: SW-05

Date Collected: 10/16/19 14:22

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 19:36	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 14:16	JAW	TAL SAV

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Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: SW-11-2
Date Collected: 10/16/19 14:38
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 19:52	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 14:17	JAW	TAL SAV

Client Sample ID: SW-06
Date Collected: 10/16/19 14:54
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 20:08	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 15:03	JAW	TAL SAV

Client Sample ID: SW-07
Date Collected: 10/16/19 14:45
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 20:24	JCK	TAL SAV
Total/NA	Analysis	160.2		1	591936	10/20/19 14:48	JAW	TAL SAV

Client Sample ID: SW-08
Date Collected: 10/16/19 15:03
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 20:40	JCK	TAL SAV
Total/NA	Analysis	160.2		1	592633	10/23/19 17:50	JAW	TAL SAV

Client Sample ID: SW-09
Date Collected: 10/16/19 15:12
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 20:56	JCK	TAL SAV
Total/NA	Analysis	160.2		1	592633	10/23/19 17:50	JAW	TAL SAV

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Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: Duplicate SW

Date Collected: 10/16/19 13:41
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 21:12	JCK	TAL SAV
Total/NA	Analysis	160.2		1	592633	10/23/19 17:50	JAW	TAL SAV

Client Sample ID: MW-4S

Date Collected: 10/15/19 15:33
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 21:28	JCK	TAL SAV
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		20	592568	10/23/19 19:56	JCK	TAL SAV

Client Sample ID: MW-6S

Date Collected: 10/15/19 16:07
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 21:44	JCK	TAL SAV
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		5	592568	10/23/19 20:11	JCK	TAL SAV

Client Sample ID: MW-18D

Date Collected: 10/15/19 16:44
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 16:02	Y1S	TAL SAV
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 22:00	JCK	TAL SAV
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		5	592568	10/23/19 20:26	JCK	TAL SAV

Client Sample ID: MW-36L

Date Collected: 10/16/19 15:07
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 22:16	JCK	TAL SAV

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Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-22D
Date Collected: 10/16/19 14:33
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 22:32	JCK	TAL SAV

Client Sample ID: MW-20D
Date Collected: 10/16/19 13:21
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592343	10/22/19 22:48	JCK	TAL SAV

Client Sample ID: MW-22L
Date Collected: 10/16/19 14:07
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592349	10/22/19 17:51	JCK	TAL SAV

Client Sample ID: Duplicate 2 GW
Date Collected: 10/16/19 10:37
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 16:26	Y1S	TAL SAV
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592349	10/22/19 18:06	JCK	TAL SAV
Total/NA	Prep	3520C			592015	10/21/19 14:10	MF	TAL SAV
Total/NA	Analysis	8081B/8082A		5	592568	10/23/19 20:41	JCK	TAL SAV

Client Sample ID: MW-30D
Date Collected: 10/16/19 10:35
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 16:50	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 18:40	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593715	10/30/19 18:19	JCK	TAL SAV

Eurofins TestAmerica, Savannah

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-5S

Date Collected: 10/15/19 16:00

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 18:55	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		5	593715	10/30/19 18:34	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		25	593715	10/30/19 18:49	JCK	TAL SAV

Client Sample ID: MW-10S

Date Collected: 10/15/19 14:24

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 17:14	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 19:09	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		20	593715	10/30/19 19:04	JCK	TAL SAV

Client Sample ID: MW-11D

Date Collected: 10/15/19 13:07

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 17:38	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 19:23	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		10	593715	10/30/19 19:19	JCK	TAL SAV

Client Sample ID: Dup-1

Date Collected: 10/15/19 11:15

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 18:03	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 19:37	JCK	TAL SAV

Client Sample ID: MW-16S

Date Collected: 10/15/19 11:13

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 18:27	Y1S	TAL SAV

Eurofins TestAmerica, Savannah

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Client Sample ID: MW-16S
Date Collected: 10/15/19 11:13
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 19:52	JCK	TAL SAV

Client Sample ID: MW-17S
Date Collected: 10/15/19 12:00
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 18:52	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 20:06	JCK	TAL SAV

Client Sample ID: MW-18S
Date Collected: 10/15/19 12:32
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175670-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 19:16	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 20:20	JCK	TAL SAV

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Laboratory: Eurofins TestAmerica, Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-20
Alaska	State	GA00006	06-30-20
Alaska (UST)	State	17-016	09-30-20
ANAB	Dept. of Defense ELAP	L2463	09-22-22
ANAB	DoD	L2463	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
Arizona	State	AZ0808	12-14-19
Arkansas DEQ	State	19-015-0	02-01-20
Arkansas DEQ	State Program	88-0692	02-01-20
California	State	2939	06-30-20
Colorado	State	GA00006	12-31-19
Connecticut	State	PH-0161	03-31-21
Florida	NELAP	E87052	06-30-20
GA Dept. of Agriculture	State Program	N/A	06-12-20
Georgia	State	E87052	06-30-20
Georgia	State Program	N/A	06-30-20
Georgia (DW)	State	803	06-30-20
Guam	State	19-007R	04-17-20
Hawaii	State	<cert No. >	06-30-20
Indiana	State	C-GA-02	06-30-20
Iowa	State	353	09-22-20
Kansas	NELAP	E-10322	10-15-20
Kentucky (DW)	State	KY90084	12-31-19
Kentucky (UST)	State	<cert No. >	06-30-20
Kentucky (UST)	State Program	18	06-30-20
Kentucky (WW)	State	KY90084	12-31-19
Kentucky (WW)	State Program	90084	12-31-19
Louisiana	NELAP	02011	06-30-20
Louisiana (DW)	State	LA009	12-31-19
Maine	State	GA00006	09-26-20
Maryland	State	250	12-31-19
Massachusetts	State	M-GA006	06-30-20
Massachusetts	State Program	M-GA006	06-30-20
Michigan	State	9925	06-30-20
Mississippi	State	<cert No. >	06-30-20
Mississippi	State Program	N/A	06-30-20
Nebraska	State	NE-OS-7-04	06-30-20
Nebraska	State Program	TestAmerica-Savannah	06-30-20
New Hampshire	NELAP	2096	05-29-20
New Hampshire	NELAP	2096	05-29-20
New Jersey	NELAP	GA769	06-30-20
New Mexico	State	GA00006	06-30-20
New York	NELAP	10842	04-01-20
North Carolina (DW)	State	13701	07-31-20
North Carolina (DW)	State Program	13701	07-31-20
North Carolina (WW/SW)	State	269	12-31-19
North Carolina (WW/SW)	State Program	269	12-31-19
Oklahoma	State	9984	08-31-20

Eurofins TestAmerica, Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175670-1

Laboratory: Eurofins TestAmerica, Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	68-00474	06-30-20
Puerto Rico	State	GA00006	01-01-20
South Carolina	State	98001	06-30-20
Tennessee	State	02961	06-30-20
Texas	NELAP	T104704185-19-13	11-30-19
Texas	NELAP	T1047004185-19-3	11-30-19
Texas	TCEQ Water Supply	T104704185	09-23-20
US Fish & Wildlife	US Federal Programs	LE058448-0	07-31-20
USDA	US Federal Programs	P330-18-00313	10-29-21
Virginia	NELAP	10509	06-14-20
Washington	State	C805	06-10-20
West Virginia (DW)	State	9950C	12-31-19
West Virginia (DW)	State Program	9950C	12-31-19
West Virginia DEP	State	094	11-30-19
Wisconsin	State	999819810	08-31-20
Wyoming	State	8TMS-L	06-30-20 *
Wyoming	State Program	8TMS-L	06-30-16 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Savannah

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

Environment Testing
TestAmerica

Client Information		Sampler: Chris Hay	Lab P.M.: Hallmon, Willie L.	Carrier Tracking No(s): COC No. 680-107957-42285.1																									
Client Contact: Annamarie Blauser	Phone: (339) 763-6025	E-Mail: willie.hallmon@testamericainc.com	Page: 1 of 8	Job #: 																									
Analysis Requested <table border="1"> <tr> <td colspan="2">PO#:</td> <td colspan="3">Total Number of Containers</td> </tr> <tr> <td colspan="2">REGS00044</td> <td colspan="3"></td> </tr> <tr> <td colspan="2">Email: annamarieb@envirotrac.com</td> <td colspan="3">Preservation Codes:</td> </tr> <tr> <td colspan="2">Project Name: Geigy Chemical Annual GW 2019</td> <td colspan="3"> A - HCl M - Hexane B - NaOH N - None C - Zn Acetate D - Na2O4S P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - AmChlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecylamine I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: _____ </td> </tr> <tr> <td colspan="2">Site: SSOW#:</td> <td colspan="3"></td> </tr> </table>					PO#:		Total Number of Containers			REGS00044					Email: annamarieb@envirotrac.com		Preservation Codes:			Project Name: Geigy Chemical Annual GW 2019		A - HCl M - Hexane B - NaOH N - None C - Zn Acetate D - Na2O4S P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - AmChlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecylamine I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: _____			Site: SSOW#:				
PO#:		Total Number of Containers																											
REGS00044																													
Email: annamarieb@envirotrac.com		Preservation Codes:																											
Project Name: Geigy Chemical Annual GW 2019		A - HCl M - Hexane B - NaOH N - None C - Zn Acetate D - Na2O4S P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - AmChlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecylamine I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: _____																											
Site: SSOW#:																													
Due Date Requested: TAT Requested (days): Standard																													
Address: City: Greensboro State/Zip: NC, 27410 Phone: (339) 763-6025 PO#:																													
Email: annamarieb@envirotrac.com Project #:																													
Field Filled Sample (Yes or No): Perforated M/S/MSD (yes or No) 8081B-8082A - Routine Pesticides 8260B - TCE only 160-2 - Total Suspended Solids 8260B - (MUD) TCL Sublist																													
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (Water, Ground, Gaseous, Air, Tissue, etc.) Preservation Code: N/A																													
SW-01 10/14/19 1322 G Water X SW-02 1334 1351 Water X SW-03 1351 1410 Water X SW-04 1410 1422 Water X SW-05 1422 1438 Water X SW-11-2 1438 1454 Water X SW-06 1454 1445 Water X SW-07 1445 1503 Water X SW-08 1503 1512 Water X SW-09 1512 1341 Water X Duplicate SW																													
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological																													
Deliverable Requested: I, II, III, IV, Other (specify)																													
Empty Kit Relinquished By: Relinquished by: Chris Hay Date/Time: Received by: Envirotrac Company Date/Time: Method of Shipment: Relinquished by: Date/Time: Received by: Date/Time: Relinquished by: Date/Time: Received by: Date/Time: 																													
Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: (AF) 2.1.10 <input type="checkbox"/> Yes <input type="checkbox"/> No																													
Special Instructions/QC Requirements: Sample Disposal / A fee may be assessed if samples are retained longer than 1 month <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months																													
Special Instructions/QC Requirements:  680-175670 Chain of Custody																													

Eurofins TestAmerica, Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

Environment Testing
TestAmerica



Client Information		Sampler:	Lab PM: Hallimon, Willie L.	Carrier Tracking No(s):	SO/C No: 680-107957-42285 2
Client Contact:	Annmarie Blauser / Chrys Hazy	Phone:	E-Mail: willie.hallimon@testamericainc.com	Page:	Page 2 of 8
Company:	EnviroTrac, Ltd	Job #:			
Address:		Due Date Requested:			
734 W Friendly Avenue Suite J City Greensboro State, Zip NC, 27410		TAT Requested (days): Standard			
Phone (334) 763-6025		PO #: REGSD004			
Email annmarieb@envirotrac.com		W/O #: ChrysHazy@envirotrac.com			
Project Name Geigy Chemical Annual GW 2019		Project #: SS006251			
Site:					
Analysis Requested					
Total Number of Containers					
Preservation Codes:					
M - Hexane A - HCl B - NaOH C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na204S E - NaHSO4 Q - Na2503 F - MeOH R - Na25203 S - H2SO4 G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Z - other (specify) Other:					
Special Instructions/Note:					
Total Suspended Solids 8260B - TCCE only					
8081B-8082A - Routine Pesticides					
8081B-8082A - Routine Pesticides					
8260B - TCL Sublist					
160.2 - Total Suspended Solids					
8260B - TCCE only					
Performed Sample Yes or No)					
Field Filtered Sample Yes or No)					
Sample Identification					
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (Water, Sediment, Groundwater, Air, etc.) Preservation Code:					
ANW-445	10/15/19	1533 G	Water	X	
NNN-65		1607	Water	X	
NNN-18D		1644	Water	X	
P2-3	10/16/19	1552	Water	X	
NNN-34L		1507	Water	X	
NNN-22D		1433	Water	X	
NNN-20D		1321	Water	X	
NNN-22L		1407	Water	X	
Duplicate 2 GW		1037	Water	X	
NNN-30D		1035	Water	X	
Water					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements:					
Possible Hazard Identification		Time:		Method of Shipment:	
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by:					
Chrys Hazy Relinquished by:					
Custody Seals intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	
				1.6 (OF) 1.8 °C	

Eurofins TestAmerica, Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

Environment Testing
TestAmerica

Client Information		Sampler:	Lab P.M.	Carrier Tracking No(s):	COC No 600-107957-42285-3	
Client Contact: Annmarie Blauser	/Chris Hay	Phone:	Hallmon, Willie L. E-Mail: willie.hallmon@testamericainc.com		Page 3 of 8	
Company: Envirotrac, Ltd.		Address:	7343 W. Friendly Avenue Suite J	Job #:		
		Due Date Requested:		Preservation Codes:		
		TAT Requested (days):	<i>Standard</i>	A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCA W - pH 4-5 Z - other (specify)	
Analysis Requested						
Total Number of Contaminants						
Special Instructions/Note:						
8260B - TCL Sublister						
160.2 - Total Suspended Solids						
8260B - TCCE only						
8081B - 8082A - Routine Pesticides						
Perform MS/MSD (yes or no)						
Field Filtered Sample (yes or no)						
Project # 68006251						
SSOW#:						
Sample Identification	Sample Date	Sample Time	Sample Type (C=comb, G=tissue, A=air)	Matrix (W=water, S=solid, B=waste oil, A=air)	Preservation Code:	
MW-55	10/5/19	1600	G	Water	N X	
MW-105		1424		Water	X X	
MW-110		1307		Water	X X	
DW-165		1115		Water	X X	
MW-175		1113		Water	X X	
MW-185		12:00		Water	X X	
		12:32		Water		
				Water		
				Water		
				Water		
				Water		
Possible Hazard Identification	<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological
Deliverable Requested I, II, III, IV, Other (specify)						
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment			
Relinquished by: <i>Chris Hay</i>	Date/Time:	Company Envirotrac	Received By:	Company <i>Boauda</i>	Date/Time	Company <i>Commonwealth</i>
Relinquished by:	Date/Time:	Company	Received By:	Company	Date/Time	Company
Custody Seals intact:	Custody Seal No.: △ Yes ▲ No	Cooler Temperature(s) °C and Other Remarks 1.4 (CF) 1.6 °C				

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 680-175670-1

Login Number: 175670

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Banda, Christy S

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing
TestAmerica

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ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-175669-1
Client Project/Site: Geigy Chemical Corp.

For:
EnviroTrac, Ltd.
7343 W. Friendly Avenue
Suite J
Greensboro, North Carolina 27410

Attn: Chris Hay

Willie Hallmon

Authorized for release by:
10/31/2019 2:55:25 PM
Willie Hallmon, Project Manager I
(813)885-7427
willie.hallmon@testamericainc.com

LINKS

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The
Expert

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Job ID: 680-175669-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: Geigy Chemical Corp.

Report Number: 680-175669-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 10/18/2019; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.3 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Effluent (680-175669-1), Carbon Drum A-3 (680-175669-2), Carbon Drum B-1 (680-175669-3) and Influent (680-175669-4) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/25/2019.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-592895.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBS

Samples Effluent (680-175669-1), Carbon Drum A-3 (680-175669-2), Carbon Drum B-1 (680-175669-3) and Influent (680-175669-4) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 10/22/2019 and analyzed on 10/23/2019 and 10/30/2019.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

The following analyte recovered outside control limits for the LCSD associated with preparation batch 680-592292 and analytical batch 680-592558: Endrin ketone. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Sample Influent (680-175669-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-175669-1	Effluent	Water	10/16/19 09:38	10/18/19 09:25	
680-175669-2	Carbon Drum A-3	Water	10/16/19 09:46	10/18/19 09:25	
680-175669-3	Carbon Drum B-1	Water	10/16/19 09:57	10/18/19 09:25	
680-175669-4	Influent	Water	10/16/19 10:04	10/18/19 09:25	

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Eurofins TestAmerica, Savannah

Method Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL SAV
5030B	Purge and Trap	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Client Sample ID: Effluent

Date Collected: 10/16/19 09:38

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 14:26	1
Surrogate									
Toluene-d8 (Surr)	105		80 - 120				Prepared	10/25/19 14:26	1
1,2-Dichloroethane-d4 (Surr)	99		73 - 131					10/25/19 14:26	1
Dibromofluoromethane (Surr)	103		80 - 122					10/25/19 14:26	1
4-Bromofluorobenzene (Surr)	99		80 - 120					10/25/19 14:26	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L			10/22/19 14:05	10/23/19 17:43
alpha-BHC	0.0085	J p	0.048	0.0075	ug/L			10/22/19 14:05	10/23/19 17:43
cis-Chlordane	0.048	U	0.048	0.0096	ug/L			10/22/19 14:05	10/23/19 17:43
beta-BHC	0.58		0.048	0.011	ug/L			10/22/19 14:05	10/23/19 17:43
4,4'-DDD	0.048	U	0.048	0.0074	ug/L			10/22/19 14:05	10/23/19 17:43
4,4'-DDE	0.048	U	0.048	0.0071	ug/L			10/22/19 14:05	10/23/19 17:43
4,4'-DDT	0.020	J p	0.048	0.0081	ug/L			10/22/19 14:05	10/23/19 17:43
delta-BHC	0.058		0.048	0.012	ug/L			10/22/19 14:05	10/23/19 17:43
Dieldrin	0.13		0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 17:43
Endosulfan I	0.048	U	0.048	0.0078	ug/L			10/22/19 14:05	10/23/19 17:43
Endosulfan II	0.048	U	0.048	0.0081	ug/L			10/22/19 14:05	10/23/19 17:43
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L			10/22/19 14:05	10/23/19 17:43
Endrin	0.048	U	0.048	0.0084	ug/L			10/22/19 14:05	10/23/19 17:43
Endrin aldehyde	0.048	U	0.048	0.016	ug/L			10/22/19 14:05	10/23/19 17:43
Endrin ketone	0.11 *		0.048	0.0085	ug/L			10/22/19 14:05	10/23/19 17:43
gamma-BHC (Lindane)	0.014	J	0.048	0.0079	ug/L			10/22/19 14:05	10/23/19 17:43
trans-Chlordane	0.048	U	0.048	0.0081	ug/L			10/22/19 14:05	10/23/19 17:43
Heptachlor	0.048	U	0.048	0.0076	ug/L			10/22/19 14:05	10/23/19 17:43
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L			10/22/19 14:05	10/23/19 17:43
Methoxychlor	0.048	U	0.048	0.0089	ug/L			10/22/19 14:05	10/23/19 17:43
Toxaphene	1.1	J	4.8	0.18	ug/L			10/22/19 14:05	10/23/19 17:43
Surrogate									
DCB Decachlorobiphenyl	75		10 - 130				Prepared	10/22/19 14:05	1
Tetrachloro-m-xylene	90		39 - 130					10/22/19 14:05	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Client Sample ID: Carbon Drum A-3

Date Collected: 10/16/19 09:46
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 14:49	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120					10/25/19 14:49	1
1,2-Dichloroethane-d4 (Surr)	100		73 - 131					10/25/19 14:49	1
Dibromofluoromethane (Surr)	105		80 - 122					10/25/19 14:49	1
4-Bromofluorobenzene (Surr)	101		80 - 120					10/25/19 14:49	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.048	U	0.048	0.0070	ug/L			10/22/19 14:05	10/23/19 17:58
alpha-BHC	0.048	U	0.048	0.0075	ug/L			10/22/19 14:05	10/23/19 17:58
cis-Chlordane	0.048	U	0.048	0.0096	ug/L			10/22/19 14:05	10/23/19 17:58
beta-BHC	0.048	U	0.048	0.011	ug/L			10/22/19 14:05	10/23/19 17:58
4,4'-DDD	0.048	U	0.048	0.0074	ug/L			10/22/19 14:05	10/23/19 17:58
4,4'-DDE	0.048	U	0.048	0.0071	ug/L			10/22/19 14:05	10/23/19 17:58
4,4'-DDT	0.048	U	0.048	0.0081	ug/L			10/22/19 14:05	10/23/19 17:58
delta-BHC	0.048	U	0.048	0.012	ug/L			10/22/19 14:05	10/23/19 17:58
Dieldrin	0.048	U	0.048	0.0082	ug/L			10/22/19 14:05	10/23/19 17:58
Endosulfan I	0.048	U	0.048	0.0078	ug/L			10/22/19 14:05	10/23/19 17:58
Endosulfan II	0.048	U	0.048	0.0081	ug/L			10/22/19 14:05	10/23/19 17:58
Endosulfan sulfate	0.048	U	0.048	0.0079	ug/L			10/22/19 14:05	10/23/19 17:58
Endrin	0.048	U	0.048	0.0084	ug/L			10/22/19 14:05	10/23/19 17:58
Endrin aldehyde	0.048	U	0.048	0.016	ug/L			10/22/19 14:05	10/23/19 17:58
Endrin ketone	0.048	U *	0.048	0.0085	ug/L			10/22/19 14:05	10/23/19 17:58
gamma-BHC (Lindane)	0.048	U	0.048	0.0079	ug/L			10/22/19 14:05	10/23/19 17:58
trans-Chlordane	0.048	U	0.048	0.0081	ug/L			10/22/19 14:05	10/23/19 17:58
Heptachlor	0.048	U	0.048	0.0075	ug/L			10/22/19 14:05	10/23/19 17:58
Heptachlor epoxide	0.048	U	0.048	0.0077	ug/L			10/22/19 14:05	10/23/19 17:58
Methoxychlor	0.048	U	0.048	0.0089	ug/L			10/22/19 14:05	10/23/19 17:58
Toxaphene	4.8	U	4.8	0.18	ug/L			10/22/19 14:05	10/23/19 17:58
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		10 - 130					10/22/19 14:05	10/23/19 17:58
Tetrachloro-m-xylene	81		39 - 130					10/22/19 14:05	10/23/19 17:58

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Client Sample ID: Carbon Drum B-1

Date Collected: 10/16/19 09:57

Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 15:13	1
Surrogate									
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 120					10/25/19 15:13	1
Dibromofluoromethane (Surr)	99		73 - 131					10/25/19 15:13	1
4-Bromofluorobenzene (Surr)	107		80 - 122					10/25/19 15:13	1
	104		80 - 120					10/25/19 15:13	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.047	U	0.047	0.0068	ug/L			10/22/19 14:05	10/23/19 18:12
alpha-BHC	0.047	U	0.047	0.0073	ug/L			10/22/19 14:05	10/23/19 18:12
cis-Chlordane	0.047	U	0.047	0.0094	ug/L			10/22/19 14:05	10/23/19 18:12
beta-BHC	0.047	U	0.047	0.011	ug/L			10/22/19 14:05	10/23/19 18:12
4,4'-DDD	0.047	U	0.047	0.0072	ug/L			10/22/19 14:05	10/23/19 18:12
4,4'-DDE	0.047	U	0.047	0.0069	ug/L			10/22/19 14:05	10/23/19 18:12
4,4'-DDT	0.047	U	0.047	0.0080	ug/L			10/22/19 14:05	10/23/19 18:12
delta-BHC	0.047	U	0.047	0.012	ug/L			10/22/19 14:05	10/23/19 18:12
Dieldrin	0.047	U	0.047	0.0081	ug/L			10/22/19 14:05	10/23/19 18:12
Endosulfan I	0.047	U	0.047	0.0077	ug/L			10/22/19 14:05	10/23/19 18:12
Endosulfan II	0.047	U	0.047	0.0080	ug/L			10/22/19 14:05	10/23/19 18:12
Endosulfan sulfate	0.047	U	0.047	0.0078	ug/L			10/22/19 14:05	10/23/19 18:12
Endrin	0.047	U	0.047	0.0083	ug/L			10/22/19 14:05	10/23/19 18:12
Endrin aldehyde	0.047	U	0.047	0.016	ug/L			10/22/19 14:05	10/23/19 18:12
Endrin ketone	0.047	U *	0.047	0.0083	ug/L			10/22/19 14:05	10/23/19 18:12
gamma-BHC (Lindane)	0.047	U	0.047	0.0078	ug/L			10/22/19 14:05	10/23/19 18:12
trans-Chlordane	0.047	U	0.047	0.0080	ug/L			10/22/19 14:05	10/23/19 18:12
Heptachlor	0.047	U	0.047	0.0074	ug/L			10/22/19 14:05	10/23/19 18:12
Heptachlor epoxide	0.047	U	0.047	0.0076	ug/L			10/22/19 14:05	10/23/19 18:12
Methoxychlor	0.047	U	0.047	0.0087	ug/L			10/22/19 14:05	10/23/19 18:12
Toxaphene	4.7	U	4.7	0.18	ug/L			10/22/19 14:05	10/23/19 18:12
Surrogate									
DCB Decachlorobiphenyl	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		10 - 130				10/22/19 14:05	10/23/19 18:12	1
	98		39 - 130				10/22/19 14:05	10/23/19 18:12	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Client Sample ID: Influent

Date Collected: 10/16/19 10:04
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 15:37	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120					10/25/19 15:37	1
1,2-Dichloroethane-d4 (Surr)	100		73 - 131					10/25/19 15:37	1
Dibromofluoromethane (Surr)	102		80 - 122					10/25/19 15:37	1
4-Bromofluorobenzene (Surr)	99		80 - 120					10/25/19 15:37	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.049	U	0.049	0.0071	ug/L			10/22/19 14:05	10/23/19 18:26
alpha-BHC	0.079		0.049	0.0076	ug/L			10/22/19 14:05	10/23/19 18:26
cis-Chlordane	0.049	U	0.049	0.0098	ug/L			10/22/19 14:05	10/23/19 18:26
beta-BHC	4.1		0.49	0.12	ug/L			10/22/19 14:05	10/30/19 18:04
4,4'-DDD	0.049	U	0.049	0.0075	ug/L			10/22/19 14:05	10/23/19 18:26
4,4'-DDE	0.049	U	0.049	0.0072	ug/L			10/22/19 14:05	10/23/19 18:26
4,4'-DDT	0.28		0.049	0.0083	ug/L			10/22/19 14:05	10/23/19 18:26
delta-BHC	0.53		0.049	0.013	ug/L			10/22/19 14:05	10/23/19 18:26
Dieldrin	0.51		0.049	0.0084	ug/L			10/22/19 14:05	10/23/19 18:26
Endosulfan I	0.049	U	0.049	0.0080	ug/L			10/22/19 14:05	10/23/19 18:26
Endosulfan II	0.049	U	0.049	0.0083	ug/L			10/22/19 14:05	10/23/19 18:26
Endosulfan sulfate	0.049	U	0.049	0.0081	ug/L			10/22/19 14:05	10/23/19 18:26
Endrin	0.049	U	0.049	0.0086	ug/L			10/22/19 14:05	10/23/19 18:26
Endrin aldehyde	0.049	U	0.049	0.017	ug/L			10/22/19 14:05	10/23/19 18:26
Endrin ketone	0.43		0.049	0.0087	ug/L			10/22/19 14:05	10/23/19 18:26
gamma-BHC (Lindane)	0.12		0.049	0.0081	ug/L			10/22/19 14:05	10/23/19 18:26
trans-Chlordane	0.049	U	0.049	0.0083	ug/L			10/22/19 14:05	10/23/19 18:26
Heptachlor	0.049	U	0.049	0.0077	ug/L			10/22/19 14:05	10/23/19 18:26
Heptachlor epoxide	0.049	U	0.049	0.0079	ug/L			10/22/19 14:05	10/23/19 18:26
Methoxychlor	0.049	U	0.049	0.0091	ug/L			10/22/19 14:05	10/23/19 18:26
Toxaphene	8.2		4.9	0.19	ug/L			10/22/19 14:05	10/23/19 18:26
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		10 - 130					10/22/19 14:05	10/23/19 18:26
Tetrachloro-m-xylene	61		39 - 130					10/22/19 14:05	10/23/19 18:26

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-592895/9

Matrix: Water

Analysis Batch: 592895

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.48	ug/L			10/25/19 12:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		10/25/19 12:49	1
1,2-Dichloroethane-d4 (Surr)	98		73 - 131		10/25/19 12:49	1
Dibromofluoromethane (Surr)	95		80 - 122		10/25/19 12:49	1
4-Bromofluorobenzene (Surr)	99		80 - 120		10/25/19 12:49	1

Lab Sample ID: LCS 680-592895/3

Matrix: Water

Analysis Batch: 592895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
Trichloroethene	50.0	52.2		ug/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	105		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		73 - 131
Dibromofluoromethane (Surr)	100		80 - 122
4-Bromofluorobenzene (Surr)	98		80 - 120

Lab Sample ID: LCSD 680-592895/4

Matrix: Water

Analysis Batch: 592895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
Trichloroethene	50.0	52.5		ug/L		105	80 - 120	0

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		73 - 131
Dibromofluoromethane (Surr)	97		80 - 122
4-Bromofluorobenzene (Surr)	97		80 - 120

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-592292/16-A

Matrix: Water

Analysis Batch: 592558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592292

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.013	U	0.013	0.0018	ug/L		10/22/19 14:05	10/23/19 17:01	1
alpha-BHC	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1
cis-Chlordane	0.013	U	0.013	0.0025	ug/L		10/22/19 14:05	10/23/19 17:01	1
beta-BHC	0.013	U	0.013	0.0030	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDD	0.013	U	0.013	0.0019	ug/L		10/22/19 14:05	10/23/19 17:01	1
4,4'-DDE	0.013	U	0.013	0.0019	ug/L		10/22/19 14:05	10/23/19 17:01	1

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-592292/16-A
Matrix: Water
Analysis Batch: 592558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 592292

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDT	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
delta-BHC	0.013	U	0.013	0.0033	ug/L		10/22/19 14:05	10/23/19 17:01	1
Dieldrin	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endosulfan I	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endosulfan II	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endosulfan sulfate	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endrin	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endrin aldehyde	0.013	U	0.013	0.0043	ug/L		10/22/19 14:05	10/23/19 17:01	1
Endrin ketone	0.013	U	0.013	0.0022	ug/L		10/22/19 14:05	10/23/19 17:01	1
gamma-BHC (Lindane)	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
trans-Chlordane	0.013	U	0.013	0.0021	ug/L		10/22/19 14:05	10/23/19 17:01	1
Heptachlor	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1
Heptachlor epoxide	0.013	U	0.013	0.0020	ug/L		10/22/19 14:05	10/23/19 17:01	1
Methoxychlor	0.013	U	0.013	0.0023	ug/L		10/22/19 14:05	10/23/19 17:01	1
Toxaphene	1.3	U	1.3	0.048	ug/L		10/22/19 14:05	10/23/19 17:01	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	62		10 - 130	10/22/19 14:05	10/23/19 17:01	1
Tetrachloro-m-xylene	92		39 - 130	10/22/19 14:05	10/23/19 17:01	1

Lab Sample ID: LCS 680-592292/17-A
Matrix: Water
Analysis Batch: 592558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592292

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Aldrin	0.0250	0.0271		ug/L		109	48 - 130
alpha-BHC	0.0250	0.0307		ug/L		123	45 - 130
cis-Chlordane	0.0250	0.0282		ug/L		113	60 - 130
beta-BHC	0.0250	0.0278		ug/L		111	50 - 130
4,4'-DDD	0.0250	0.0322		ug/L		129	52 - 130
4,4'-DDE	0.0250	0.0281		ug/L		113	48 - 130
4,4'-DDT	0.0250	0.0284		ug/L		113	59 - 130
delta-BHC	0.0250	0.0284		ug/L		114	47 - 140
Dieldrin	0.0250	0.0292		ug/L		117	55 - 130
Endosulfan I	0.0250	0.0235		ug/L		94	27 - 130
Endosulfan II	0.0250	0.0258		ug/L		103	39 - 130
Endosulfan sulfate	0.0250	0.0300		ug/L		120	57 - 130
Endrin	0.0250	0.0291		ug/L		116	62 - 131
Endrin aldehyde	0.0250	0.0272		ug/L		109	39 - 177
Endrin ketone	0.0250	0.0333 *		ug/L		133	47 - 130
gamma-BHC (Lindane)	0.0250	0.0292		ug/L		117	47 - 130
trans-Chlordane	0.0250	0.0324		ug/L		130	50 - 145
Heptachlor	0.0250	0.0263		ug/L		105	49 - 130
Heptachlor epoxide	0.0250	0.0283		ug/L		113	54 - 130
Methoxychlor	0.0250	0.0287		ug/L		115	53 - 130

Eurofins TestAmerica, Savannah

QC Sample Results

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-592292/17-A
Matrix: Water
Analysis Batch: 592558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 592292

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	71		10 - 130
Tetrachloro-m-xylene	99		39 - 130

Lab Sample ID: LCSD 680-592292/18-A
Matrix: Water
Analysis Batch: 592558

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 592292

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Added	Result	Qualifier				Limits	RPD	
Aldrin	0.0250	0.0229		ug/L		92	48 - 130	17	40
alpha-BHC	0.0250	0.0265		ug/L		106	45 - 130	15	30
cis-Chlordane	0.0250	0.0246		ug/L		98	60 - 130	14	50
beta-BHC	0.0250	0.0243		ug/L		97	50 - 130	14	40
4,4'-DDD	0.0250	0.0276		ug/L		111	52 - 130	15	40
4,4'-DDE	0.0250	0.0246		ug/L		98	48 - 130	13	30
4,4'-DDT	0.0250	0.0275		ug/L		110	59 - 130	3	40
delta-BHC	0.0250	0.0252		ug/L		101	47 - 140	12	30
Dieldrin	0.0250	0.0261		ug/L		105	55 - 130	11	30
Endosulfan I	0.0250	0.0208		ug/L		83	27 - 130	13	30
Endosulfan II	0.0250	0.0234		ug/L		94	39 - 130	10	30
Endosulfan sulfate	0.0250	0.0274		ug/L		110	57 - 130	9	40
Endrin	0.0250	0.0259		ug/L		104	62 - 131	11	30
Endrin aldehyde	0.0250	0.0259		ug/L		103	39 - 177	5	40
Endrin ketone	0.0250	0.0301		ug/L		121	47 - 130	10	40
gamma-BHC (Lindane)	0.0250	0.0252		ug/L		101	47 - 130	15	30
trans-Chlordane	0.0250	0.0302		ug/L		121	50 - 145	7	50
Heptachlor	0.0250	0.0225		ug/L		90	49 - 130	15	30
Heptachlor epoxide	0.0250	0.0250		ug/L		100	54 - 130	12	40
Methoxychlor	0.0250	0.0267		ug/L		107	53 - 130	7	40

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	71		10 - 130
Tetrachloro-m-xylene	83		39 - 130

QC Association Summary

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

GC/MS VOA

Analysis Batch: 592895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175669-1	Effluent	Total/NA	Water	8260B	
680-175669-2	Carbon Drum A-3	Total/NA	Water	8260B	
680-175669-3	Carbon Drum B-1	Total/NA	Water	8260B	
680-175669-4	Influent	Total/NA	Water	8260B	
MB 680-592895/9	Method Blank	Total/NA	Water	8260B	
LCS 680-592895/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-592895/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 592292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175669-1	Effluent	Total/NA	Water	3520C	
680-175669-2	Carbon Drum A-3	Total/NA	Water	3520C	
680-175669-3	Carbon Drum B-1	Total/NA	Water	3520C	
680-175669-4	Influent	Total/NA	Water	3520C	
MB 680-592292/16-A	Method Blank	Total/NA	Water	3520C	
LCS 680-592292/17-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-592292/18-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 592558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175669-1	Effluent	Total/NA	Water	8081B/8082A	592292
680-175669-2	Carbon Drum A-3	Total/NA	Water	8081B/8082A	592292
680-175669-3	Carbon Drum B-1	Total/NA	Water	8081B/8082A	592292
680-175669-4	Influent	Total/NA	Water	8081B/8082A	592292
MB 680-592292/16-A	Method Blank	Total/NA	Water	8081B/8082A	592292
LCS 680-592292/17-A	Lab Control Sample	Total/NA	Water	8081B/8082A	592292
LCSD 680-592292/18-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	592292

Analysis Batch: 593715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-175669-4	Influent	Total/NA	Water	8081B/8082A	592292

Lab Chronicle

Client: EnviroTrac, Ltd.
Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Client Sample ID: Effluent
Date Collected: 10/16/19 09:38
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 14:26	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 17:43	JCK	TAL SAV

Client Sample ID: Carbon Drum A-3
Date Collected: 10/16/19 09:46
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 14:49	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 17:58	JCK	TAL SAV

Client Sample ID: Carbon Drum B-1
Date Collected: 10/16/19 09:57
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 15:13	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 18:12	JCK	TAL SAV

Client Sample ID: Influent
Date Collected: 10/16/19 10:04
Date Received: 10/18/19 09:25

Lab Sample ID: 680-175669-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	592895	10/25/19 15:37	Y1S	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	592558	10/23/19 18:26	JCK	TAL SAV
Total/NA	Prep	3520C			592292	10/22/19 14:05	EHS	TAL SAV
Total/NA	Analysis	8081B/8082A		10	593715	10/30/19 18:04	JCK	TAL SAV

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Laboratory: Eurofins TestAmerica, Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-20
Alaska	State	GA00006	06-30-20
Alaska (UST)	State	17-016	09-30-20
ANAB	Dept. of Defense ELAP	L2463	09-22-22
ANAB	DoD	L2463	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
Arizona	State	AZ0808	12-14-19
Arkansas DEQ	State	19-015-0	02-01-20
Arkansas DEQ	State Program	88-0692	02-01-20
California	State	2939	06-30-20
Colorado	State	GA00006	12-31-19
Connecticut	State	PH-0161	03-31-21
Florida	NELAP	E87052	06-30-20
GA Dept. of Agriculture	State Program	N/A	06-12-20
Georgia	State	E87052	06-30-20
Georgia	State Program	N/A	06-30-20
Georgia (DW)	State	803	06-30-20
Guam	State	19-007R	04-17-20
Hawaii	State	<cert No. >	06-30-20
Indiana	State	C-GA-02	06-30-20
Iowa	State	353	09-22-20
Kansas	NELAP	E-10322	10-15-20
Kentucky (DW)	State	KY90084	12-31-19
Kentucky (UST)	State	<cert No. >	06-30-20
Kentucky (UST)	State Program	18	06-30-20
Kentucky (WW)	State	KY90084	12-31-19
Kentucky (WW)	State Program	90084	12-31-19
Louisiana	NELAP	02011	06-30-20
Louisiana (DW)	State	LA009	12-31-19
Maine	State	GA00006	09-26-20
Maryland	State	250	12-31-19
Massachusetts	State	M-GA006	06-30-20
Massachusetts	State Program	M-GA006	06-30-20
Michigan	State	9925	06-30-20
Mississippi	State	<cert No. >	06-30-20
Mississippi	State Program	N/A	06-30-20
Nebraska	State	NE-OS-7-04	06-30-20
Nebraska	State Program	TestAmerica-Savannah	06-30-20
New Hampshire	NELAP	2096	05-29-20
New Hampshire	NELAP	2096	05-29-20
New Jersey	NELAP	GA769	06-30-20
New Mexico	State	GA00006	06-30-20
New York	NELAP	10842	04-01-20
North Carolina (DW)	State	13701	07-31-20
North Carolina (DW)	State Program	13701	07-31-20
North Carolina (WW/SW)	State	269	12-31-19
North Carolina (WW/SW)	State Program	269	12-31-19
Oklahoma	State	9984	08-31-20

Eurofins TestAmerica, Savannah

Accreditation/Certification Summary

Client: EnviroTrac, Ltd.

Project/Site: Geigy Chemical Corp.

Job ID: 680-175669-1

Laboratory: Eurofins TestAmerica, Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	68-00474	06-30-20
Puerto Rico	State	GA00006	01-01-20
South Carolina	State	98001	06-30-20
Tennessee	State	02961	06-30-20
Texas	NELAP	T104704185-19-13	11-30-19
Texas	NELAP	T1047004185-19-3	11-30-19
Texas	TCEQ Water Supply	T104704185	09-23-20
US Fish & Wildlife	US Federal Programs	LE058448-0	07-31-20
USDA	US Federal Programs	P330-18-00313	10-29-21
Virginia	NELAP	10509	06-14-20
Washington	State	C805	06-10-20
West Virginia (DW)	State	9950C	12-31-19
West Virginia (DW)	State Program	9950C	12-31-19
West Virginia DEP	State	094	11-30-19
Wisconsin	State	999819810	08-31-20
Wyoming	State	8TMS-L	06-30-20 *
Wyoming	State Program	8TMS-L	06-30-16 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Savannah

Eurofins TestAmerica, Savannah

5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

Environment Testing,
TestAmerica

Client Information		Sampler <u>Chris Hay</u>		Lab P.M. Hallmon, Willie L		Carrier Tracking No(s): 680-106179-40467.1	
Address:	City:	Phone:	E-Mail:	Company:	Job #:	Page:	Page 1 of 1
7343 W Friendly Avenue Suite J	Greensboro	(559)763-4075	willie.hallmon@testamericainc.com	EnviroTrac, Ltd.			
Analysis Requested <i>TCB 06</i>							
Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Anchor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4.5 L - EDA Z - other (specify) Other:							
Total Number of Contaminants: 8260B - 8260B - Volatiles 8081B - 8082A - 8081B - 8082A - Pesticides 8081B - 8082A - 8082A - 8082A - Peptides							
Special Instructions/Note: Performance MSDS (Yes or No)							
Field Filtered Sample (Yes or No)							
SSOW#: Project #: 68006251							
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix (Water, Soil, Oil/waste/oil, Tissue, etc.) Preservation Code: N/A							
<u>Effluent</u> <u>Carbon Drum A-3</u> <u>Carbon Drum B-1</u> <u>Infuent</u>							
10/16/19 9:38 G Water X X 94/6 Water X X 957 Water X X 100Y Water X X Water Water Water Water Water Water Water Water							
Sample Disposal / A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months							
Special Instructions/QC Requirements: Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological							
Empty Kit Relinquished by: Relinquished by: <u>Chris Hay</u> Date/Time: <u>10-18-19</u> Received by: <u>EnviroTrac</u> Date/Time: <u>10-18-19</u> Relinquished by: Date/Time: Received by: Date/Time: Relinquished by: Date/Time: Received by: Date/Time: Custody Seals intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: <u>2.1 (CF) 2.3 C</u>							

Ver: 01/16/2019

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Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 680-175669-1

Login Number: 175669

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Banda, Christy S

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT F

2019 MONTHLY WINDSHIELD SURVEY

Reconnaissance for New Construction within Area of Plume

Project: Geigy Superfund Site
Location: Aberdeen, NC
Project No.: 11.990010.00

Date: January to December 2019
Data Collected by: CWH